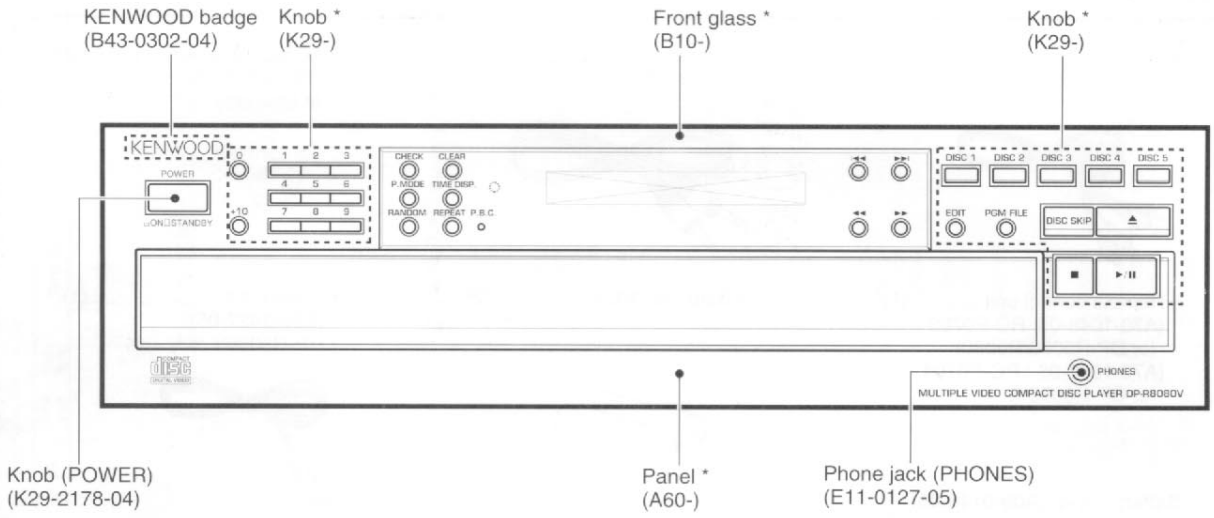
MULTIPLE COMPACT DISC PLAYER

DP-R5080/R6080/R8080V

SERVICE MANUAL

KENWOOD

© 1996-3/B51-5154-00 (K/K) 3838



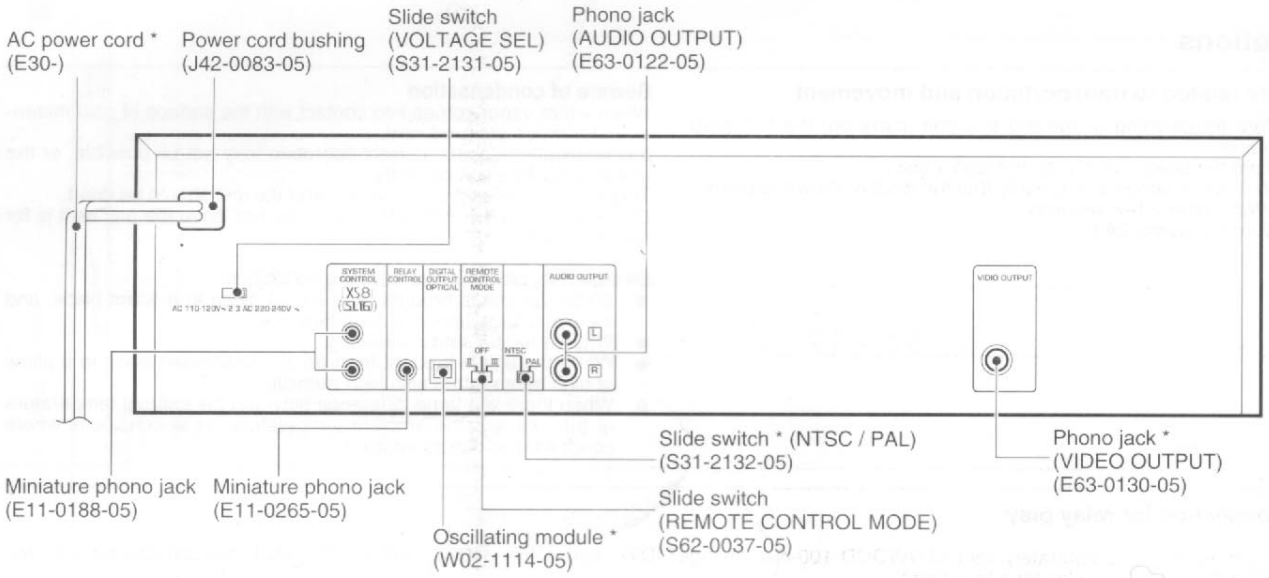


Illustration is DP-R8080V.

*** Refer to parts list on page 30.**

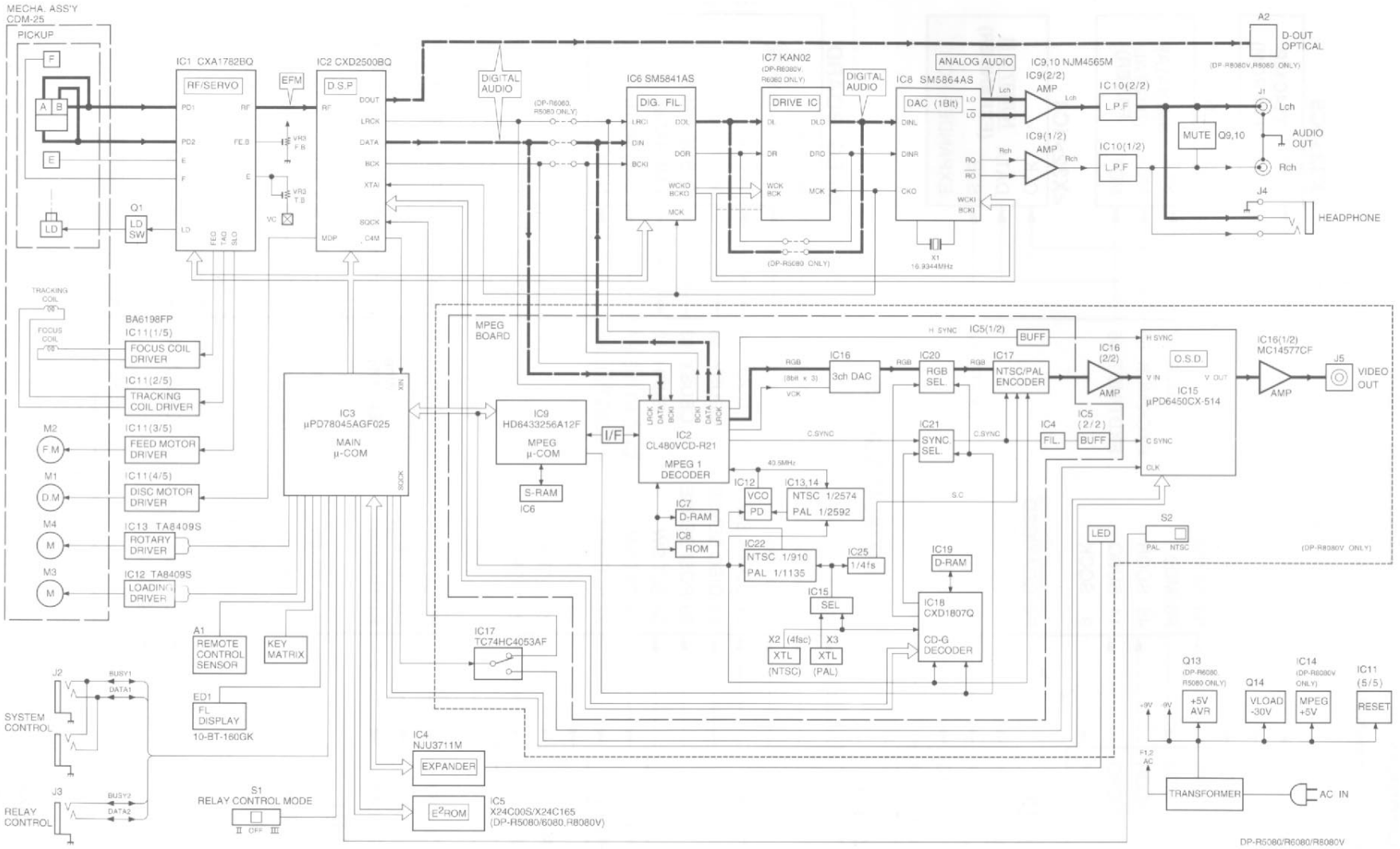
KENWOOD-Corp. certifies this equipment conforms to DHHS Regulations No. 21 CFR 1040. 10, Chapter 1, Subchapter J.

DANGER : Laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

DP-R5080/R6080/R8080V

BLOCK DIAGRAM



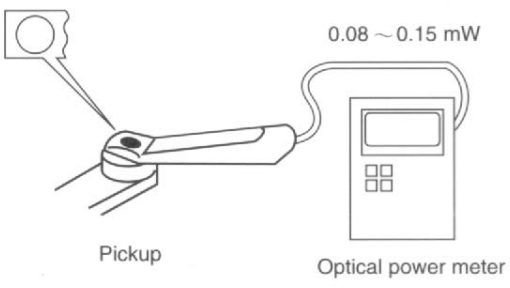
ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	PLAYER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
Open the tray (Normal mode), then turn the power off.							
1	LASER POWER	–	Apply the sensor section of optical power meter on the pickup lens.	While pressing the TIME DISP. key, turn the AC ON. (Test mode) Press the PLAY/PAUSE key, then confirm that the display is "03".	–	On the power from 0.08 to 0.15 mW, when the diffraction grating is correctly aligned with the RF level of 1.0 Vp-p or more.	(a)
1. Press the STOP key. **2. Press the OPEN key.** **3. Load a disc, then press the CLOSE key.** **4. Press the PLAY key.** **5. Press the OPEN key to open the tray.** **6. Turn the power off. (Player stops as the tray is opened while the disc clumped.)** **7. While pressing the TIME DISP. key, turn the power ON to enter the Test mode.**							
2	TRACKING ERROR BALANCE	Test disc Type 4	Connect an oscilloscope as follows. CH1:RF (CN2 pin 1) CH2:TE (CN2 pin 6)	Press the PLAY/PAUSE key, then confirm that the display is "03".	TE BALANCE VR1 (X32-)	Symmetry between upper and lower patterns	(c)
3	FOCUS ERROR BALANCE	Test disc Type 4	Connect an oscilloscope as follows. CH1:RF (CN2 pin 1) CH2:TE (CN2 pin 6)	Press the PLAY/PAUSE key, then confirm that the display is "05".	FE BALANCE VR3 (X32-)	Optimum eye pattern	(b) or (d)
4	TRACKING GAIN	Test disc Type 4 Apply signal of 1.2 kHz, 50mVrms to CN2 pin 5-6.	Connect a LPF to CN2 pin 5-6 to which you connect an oscilloscope or AC voltmeters.	Press the PLAY/PAUSE key, then confirm that the display is "05".	TRACKING GAIN VR2 (X32-)	Two VTVMs should read the same value.	(e)
5	NTSC 4 fsc	POWER ON	Connect a frequency counter to check land (14M) of IC 18 pin 18.	STOP	TC1 (X35-)	14.31818MHz ± 50Hz	
6	PAL 4 fsc	POWER ON	Connect a frequency counter to check land (17M) of IC18 pin 20.	STOP	TC2 (X35-)	17.73447 MHz ± 50Hz	

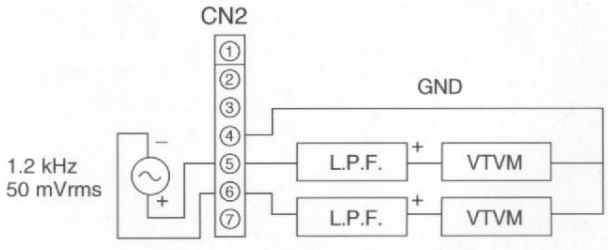
Note:

Type 4 disc : SONY YEDS-18 Test Disc or equivalent.
LPF: Around 47 kΩ+ 390 pF or so.
Step 1~6 are in Test Mode.
Step 5,6 are in DP-R8080V.

(a) Laser power

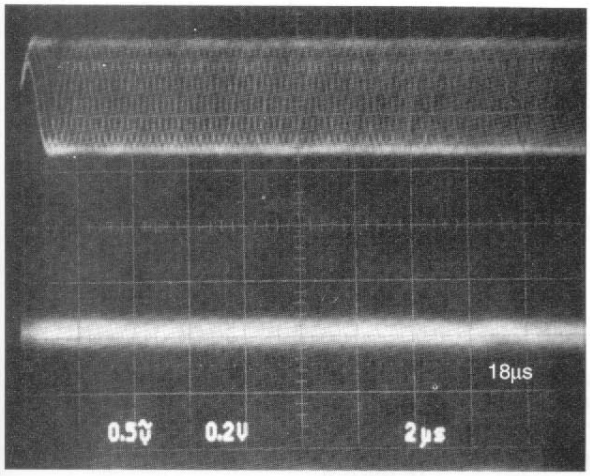


(e) Tracking gain



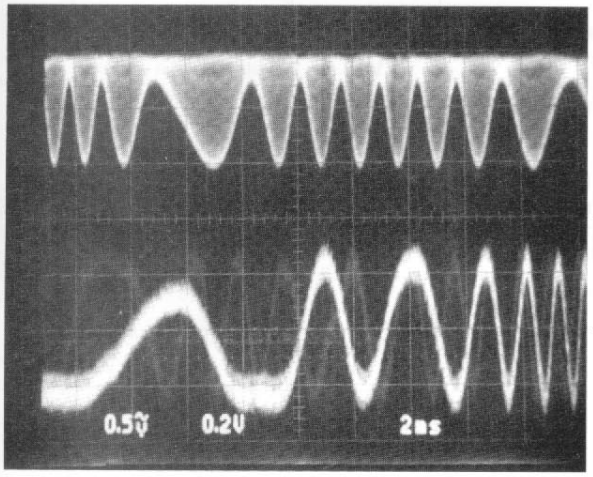
ADJUSTMENT

FIG. (b)



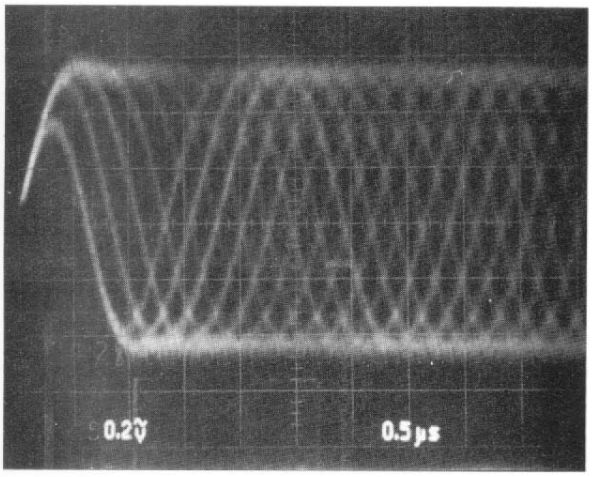
- RF signal and TE signal in test mode (PLAY).
- If the diffraction grating has been adjusted correctly, the influence of triggering is observed on the TE waveform of approx. 18µs from RF signal trigger point, in the form of a projection.

FIG. (c)



- RF signal and TE signal in test mode (Focusing servo ON / Tracking servo OFF). (Disc Type 4)
- Adjust TE signal so that the waveform is symmetrical in relation to VC. (TE BALANCE)

FIG. (d)



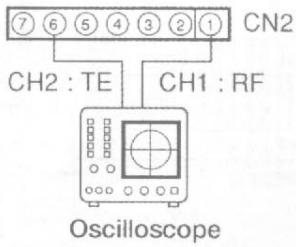
- RF signal in test mode (PLAY).
- Perform the tangential and focusing offset are focused into one point on the display. The crossing points above and below the center shall also be looked clearly.

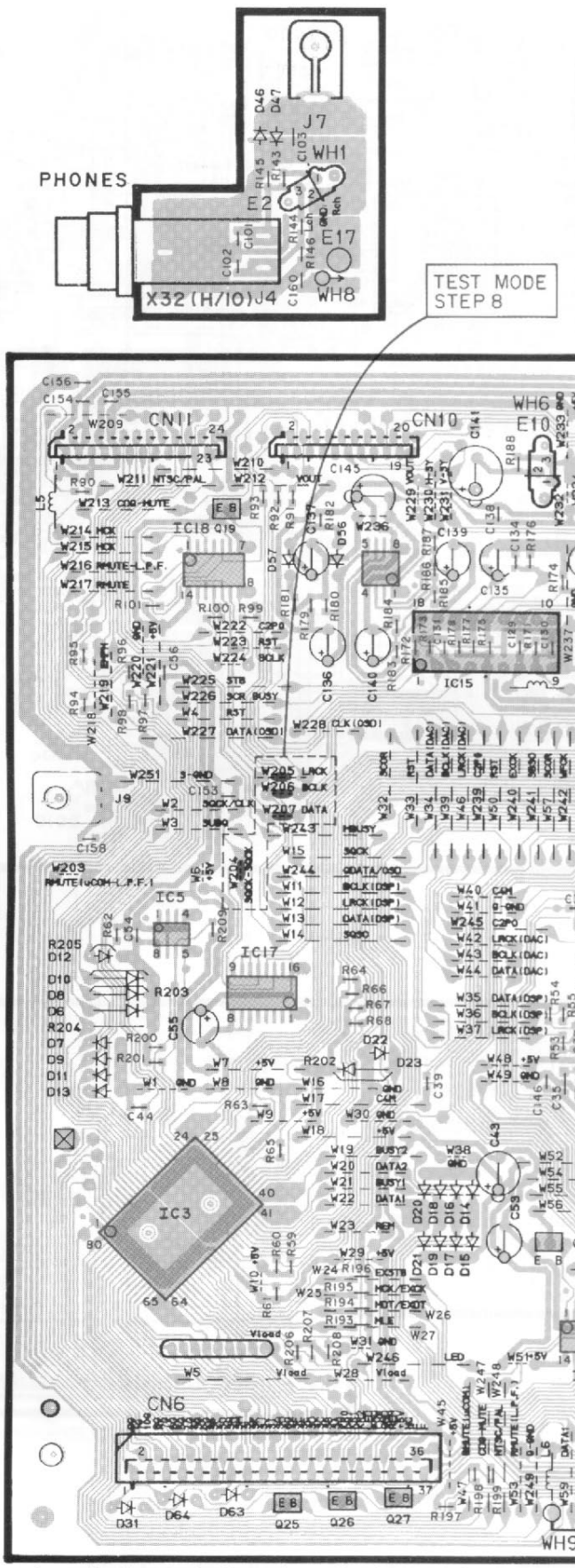
  (FE BALANCE)

PC BOARD (Component side view)

CD player unit (X32-3080-XX) **10 : DP-R5080 K**
22 : DP-R6080 Y

(c) Tracking error balance : Symmetry between upper patterns.
(b or d) Focus error balance : Optimum eye pattern.





Refer to the schematic diagram for the values of resistors and capacitors.

XX) 10 : DP-R5080 K,P,X 21 : DP-R5080 M 11 : DP-R6080 K,P,X,T,E
22 : DP-R6080 Y,M 12 : DP-R8080 T,E,C 23 : DP-R8080 M

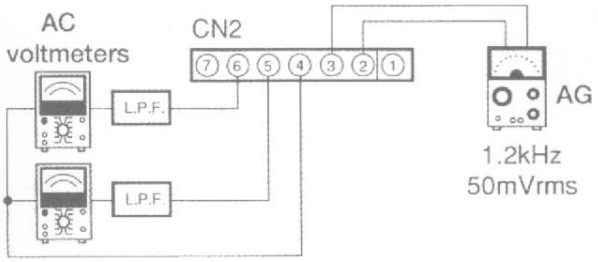
Symmetry between

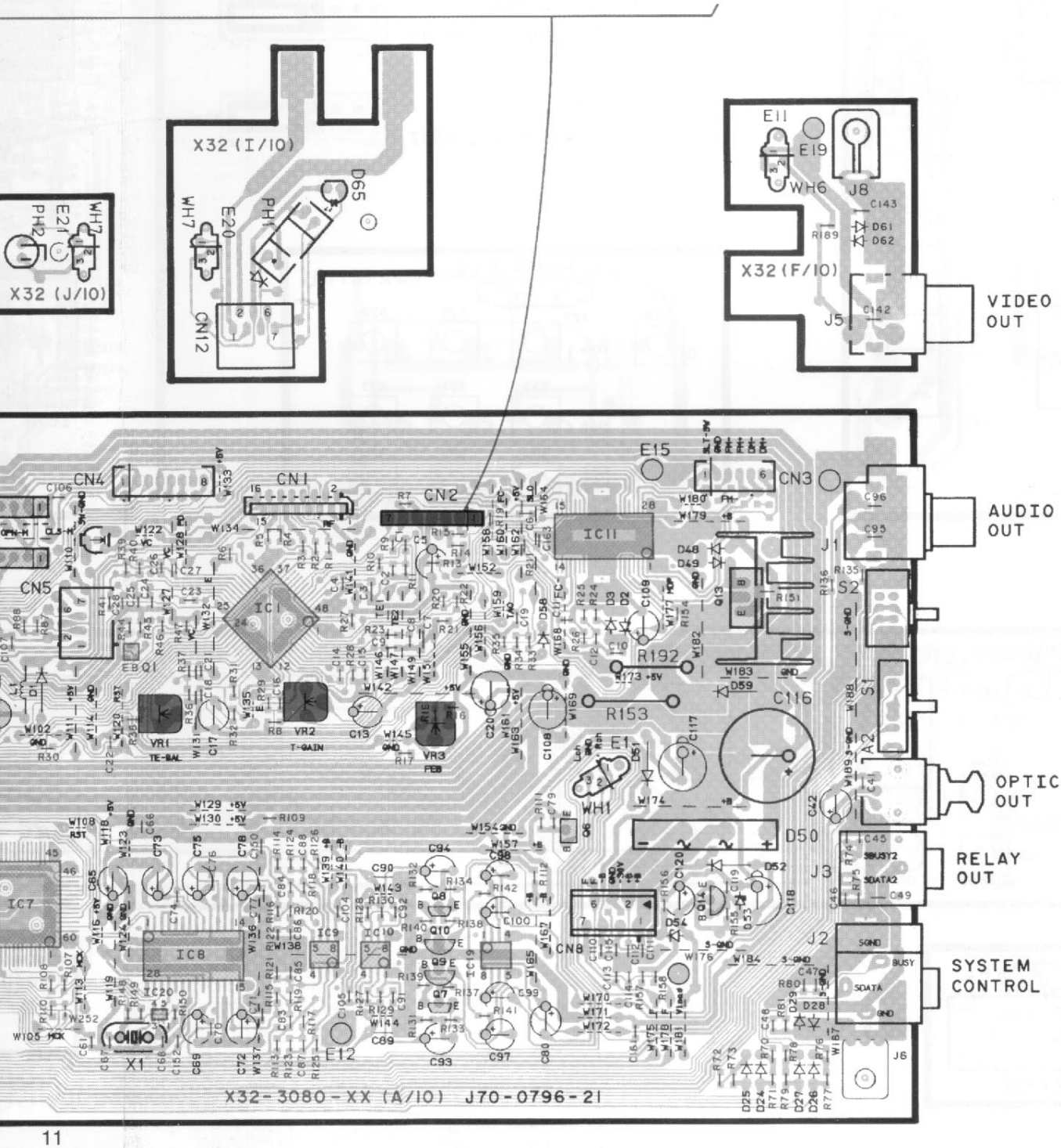
: Optimum eye pattern.

CN2

RF

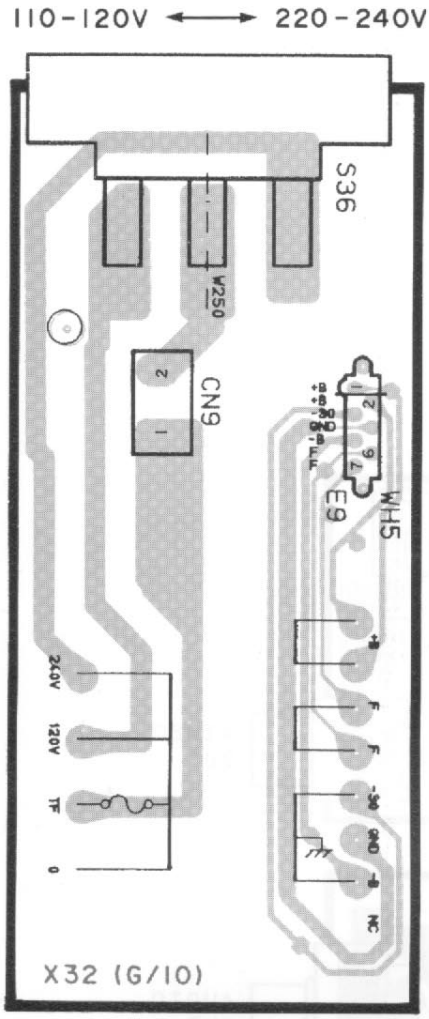
(e) Tracking gain :
Two VTVMs should read the same value.

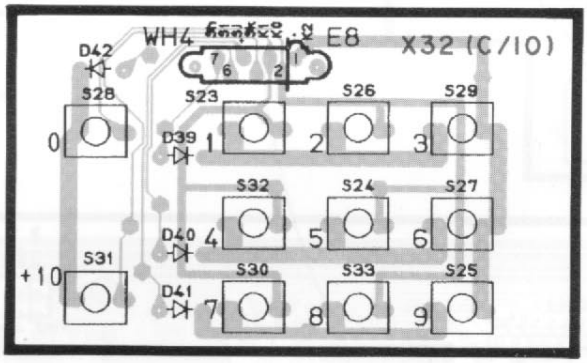




PC BOARD (Component side view)

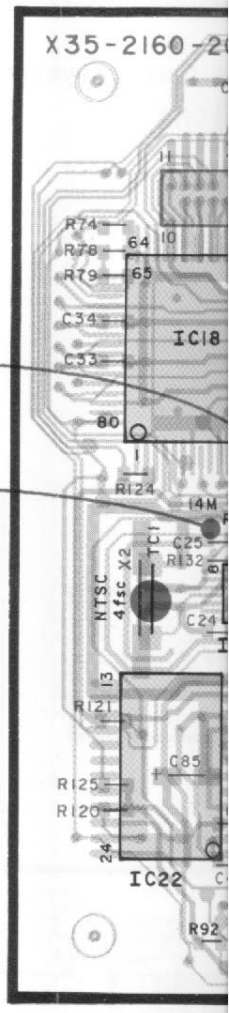
VIDEO unit (X35-2160-20) : DP-R8080V or

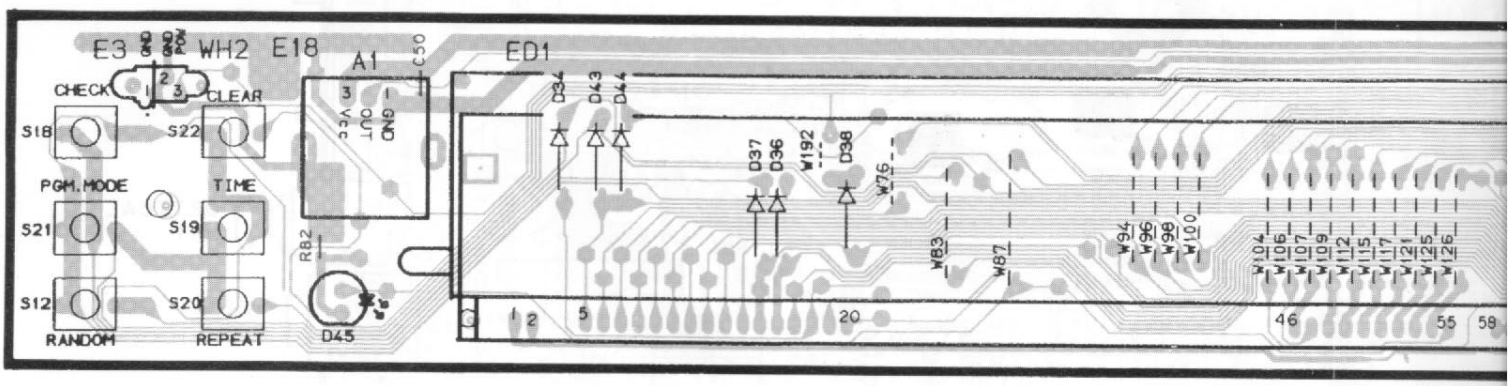


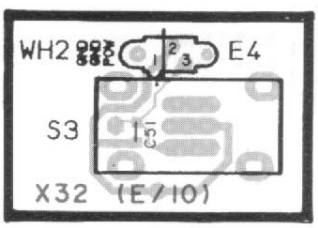


NTSC CROMA f :
3.579545MHz±50Hz

PAL 4fsc :
17.73447MHz±50Hz

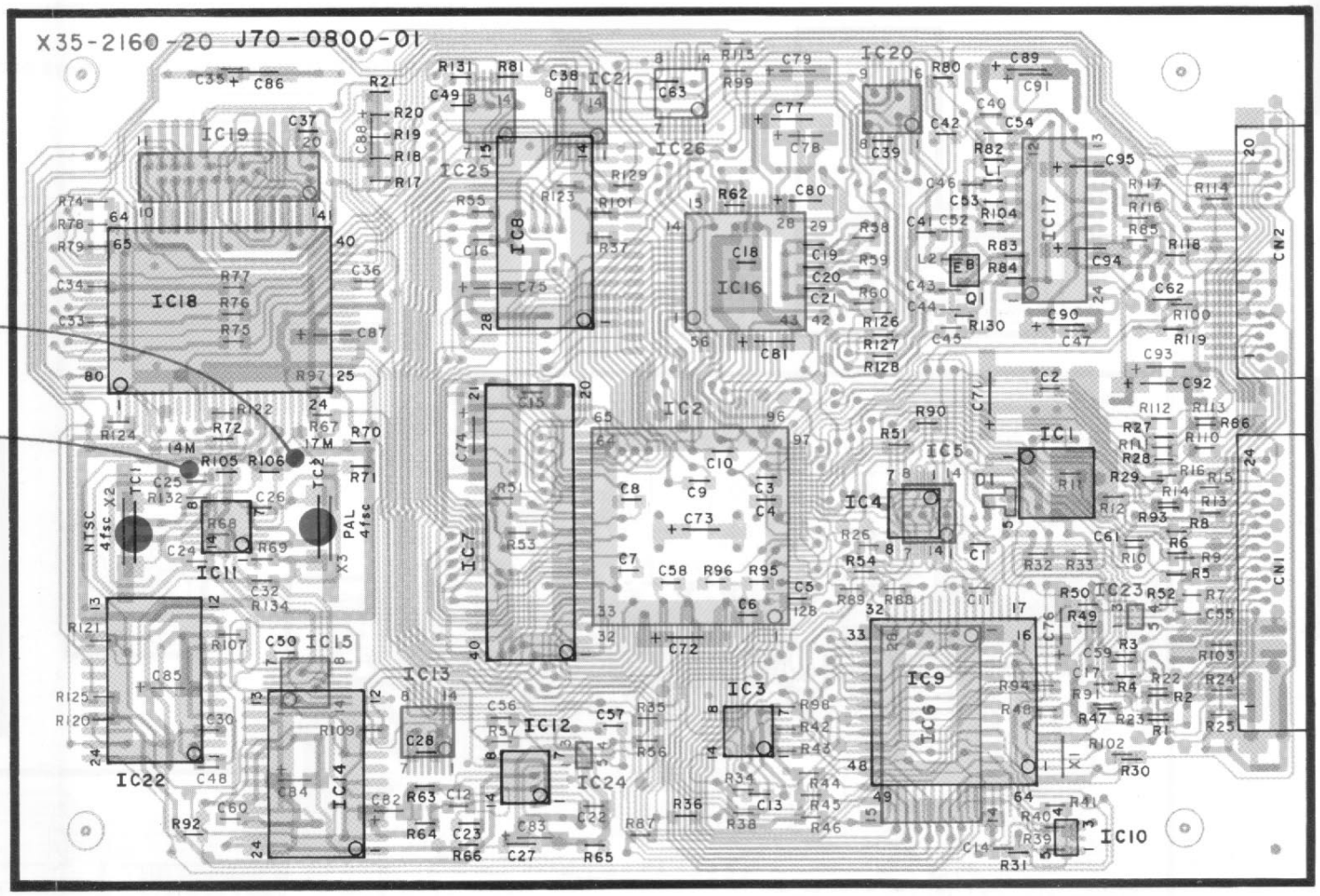


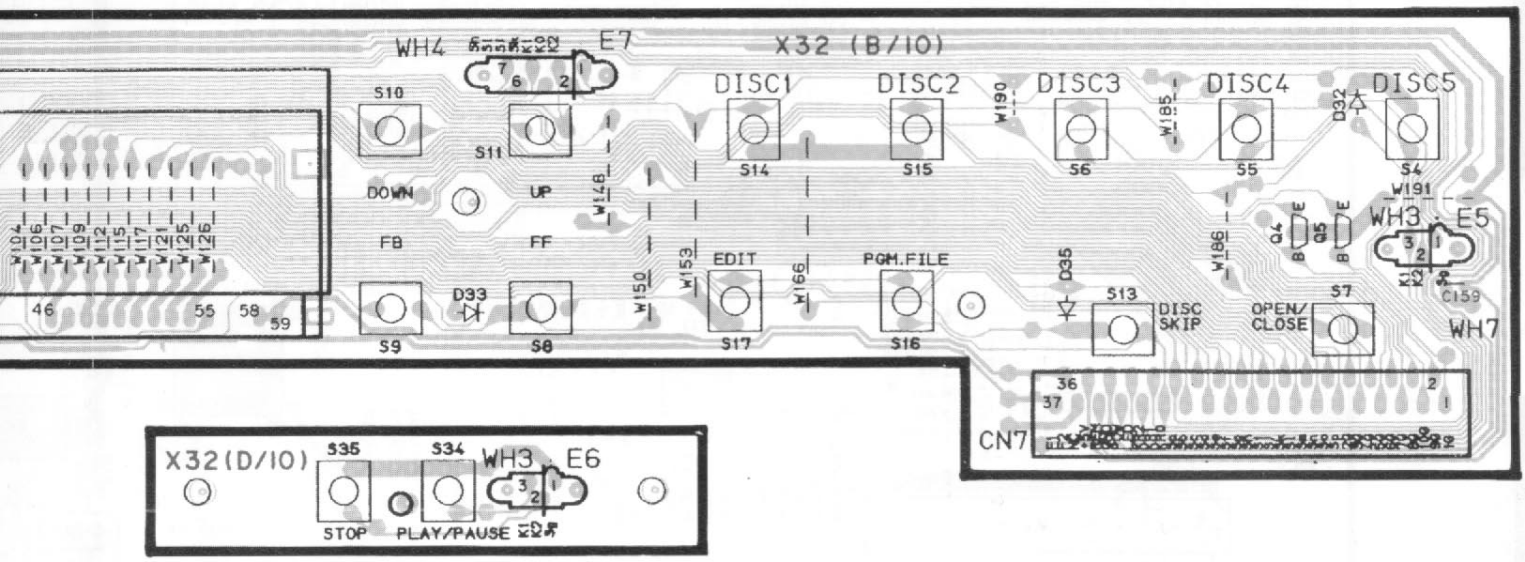




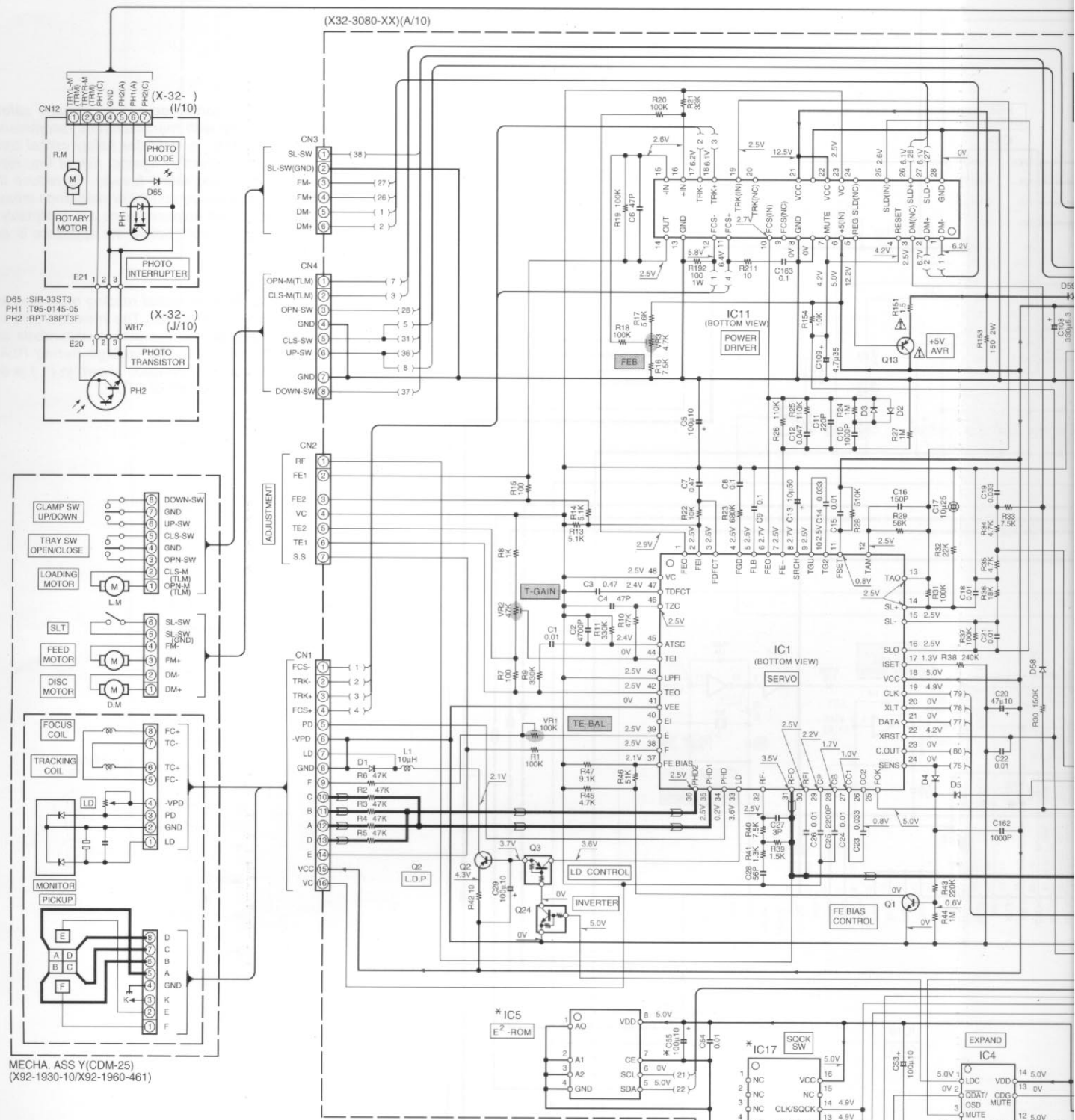
POWER

0) : DP-R8080V only

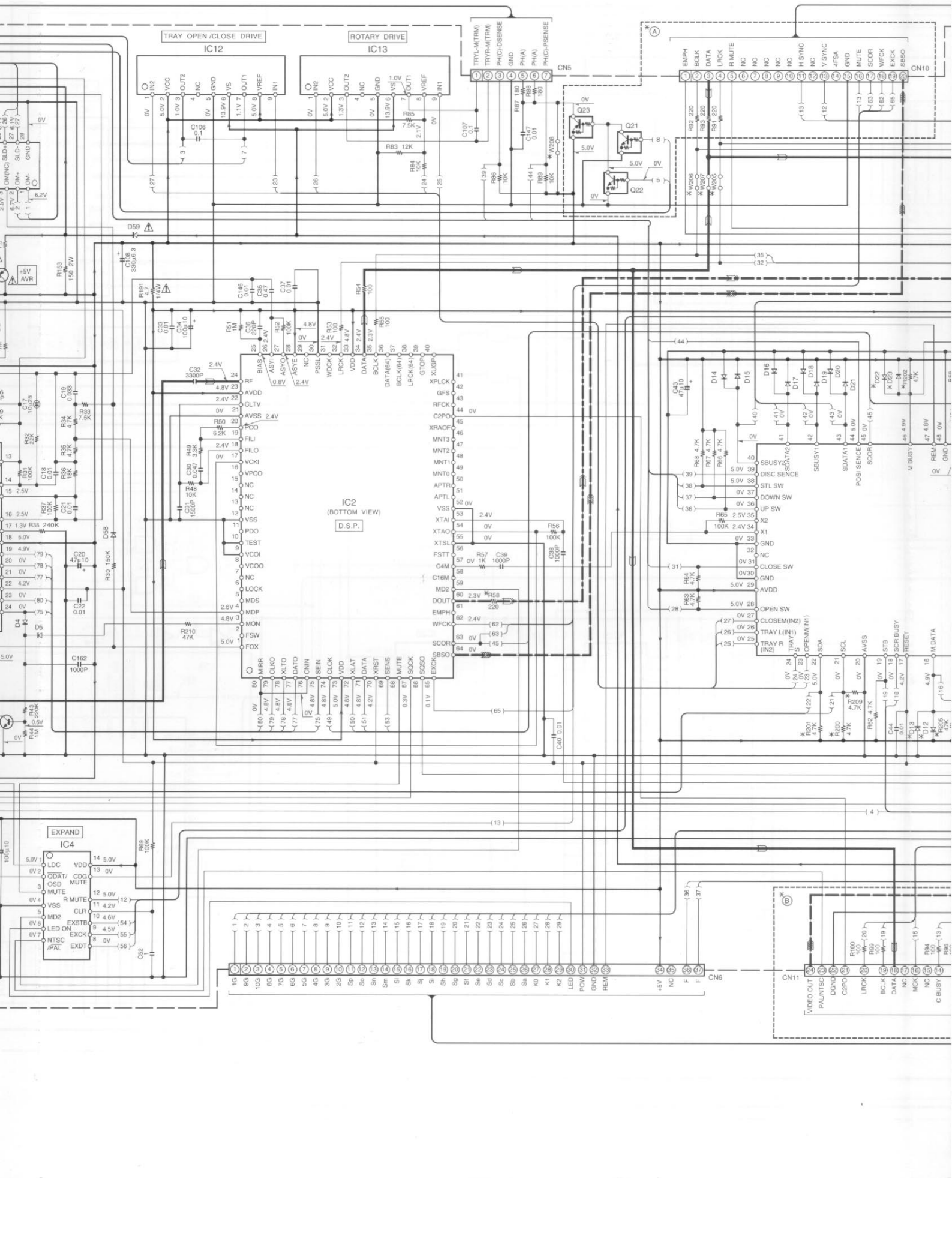


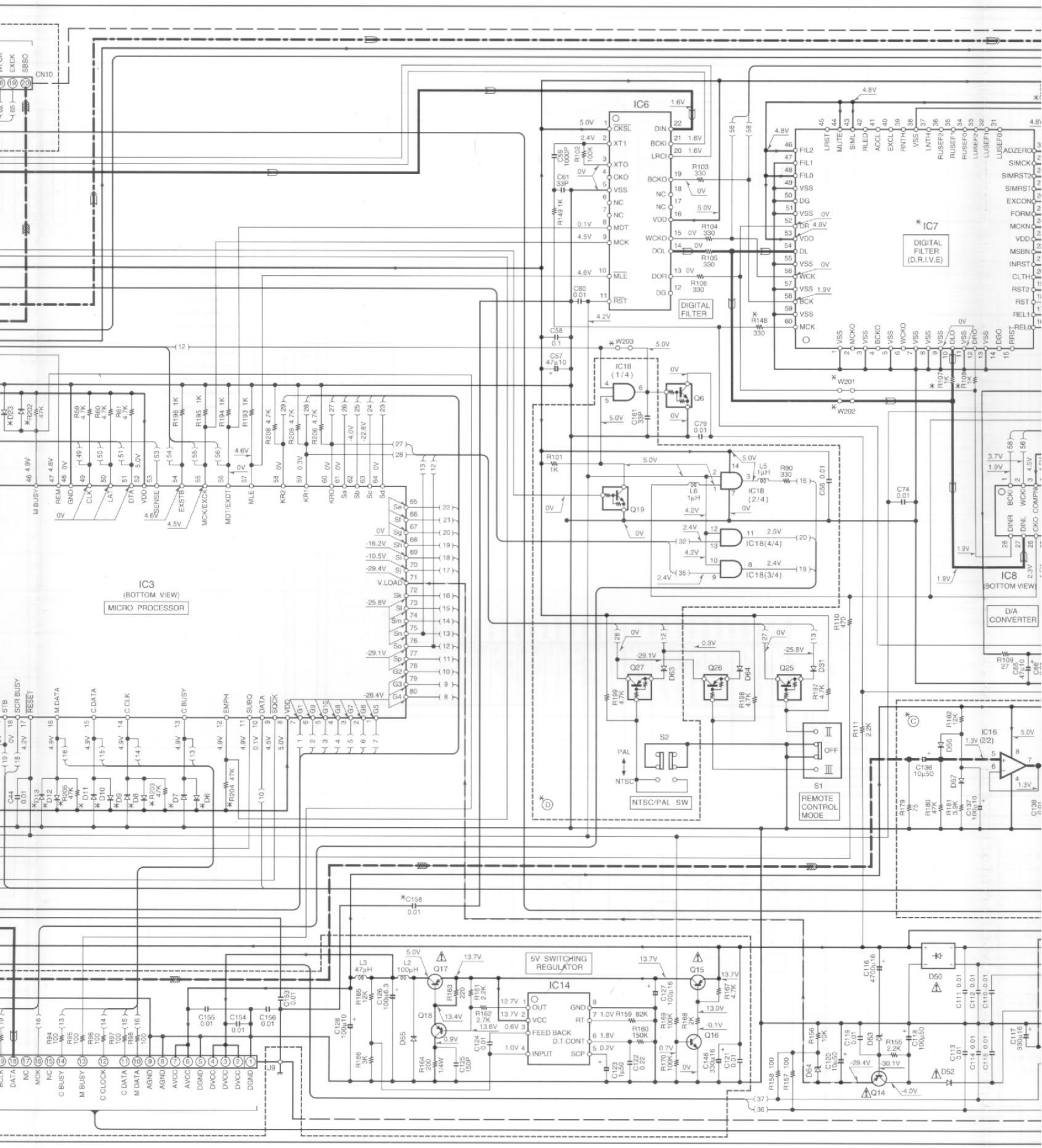


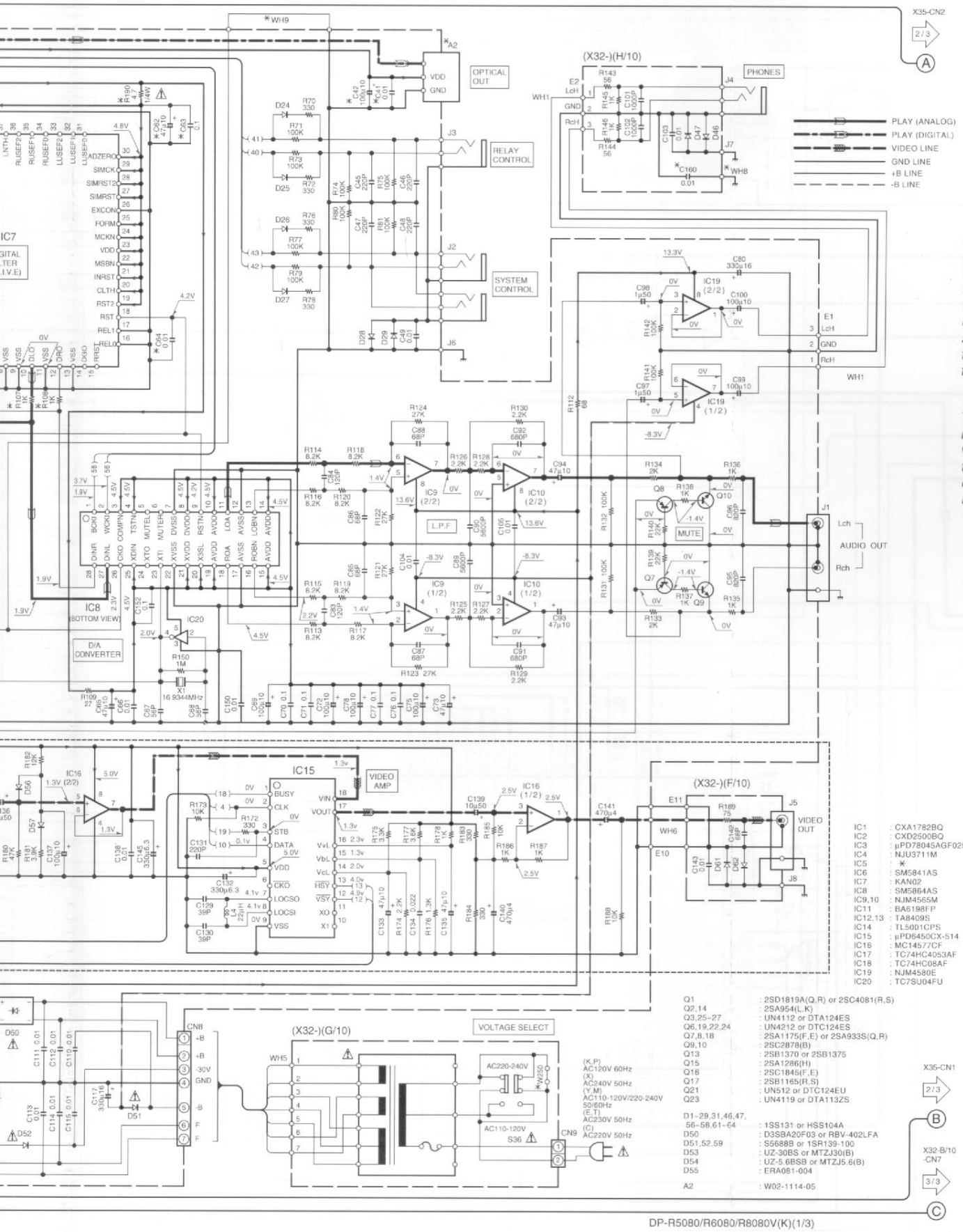
Refer to the schematic diagram for the values of resistors and capacitors.



MODEL NAME	DESTINATION COUNTRY	ABB.	UNIT No.	Ⓐ Ⓑ Ⓒ Ⓓ	IC5	IC7	IC17	D6-13, 22,23	A2	S36	WH8	WH9	W250	C41, 42	C55,61, 158,160	C62-64	R58,200, 201	R107,108, 148,190	R202-205	W84,85,89, 92,113	W201, 202	W203-208
DP-R5080	U.S.A.	K	X32-3080-10	NO	X24C00S	NO	NO	NO	NO	NO	YES	YES	YES	NO	NO	NO	NO	NO	YES	NO	YES	YES
	CANADA	P																				
	AUSTRALIA	X																				
	GENERAL MARKET	M	X32-3080-21							YES			NO									
DP-R6080	U.S.A.	K	X32-3080-11	NO	X24C16S	YES	NO	NO	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	YES	YES	NO	YES
	CANADA	P																				
	U.K	T																				
	EUROPE	E																				
	AUSTRALIA	X																				
	PX	Y	X32-3080-22							YES			NO									
	GENERAL MARKET	M																				
DP-R8080V	U.K.	T	X32-3080-12	YES	X24C16S	NO	YES	YES	YES	NO	YES	NO	YES	YES	YES	NO	NO	NO	NO	NO	YES	NO
	EUROPE	E																				
	CHINA	C																				
	GENERAL MARKET	M	X32-3080-23							YES			NO									


TRAY OPEN /CLOSE DRIVE
IC12
ROTARY DRIVE
IC13
CN5
CN10
IC2
(BOTTOM VIEW)
D.S.P.
EXPAND
IC4
CN6
CN11
+5V AVR


IC6
IC7
DIGITAL FILTER (D.R.I.V.E)
DIGITAL FILTER
IC18 (1/4)
IC18 (2/4)
IC18(4/4)
IC18(3/4)
IC8
(BOTTOM VIEW)
D/A CONVERTER
IC3
(BOTTOM VIEW)
MICRO PROCESSOR
5V SWITCHING REGULATOR
IC14
IC16
1.3V (2/2)
S1
REMOTE CONTROL MODE
S2
PAL
NTSC
NTSC/PAL SW
CN10
J9



CAUTION: *For conti components only with (refer to parts list). ⚠ For continued protect with same type and r electric shock, leakage shall be carried out (ex from the supply circuit the customer.*

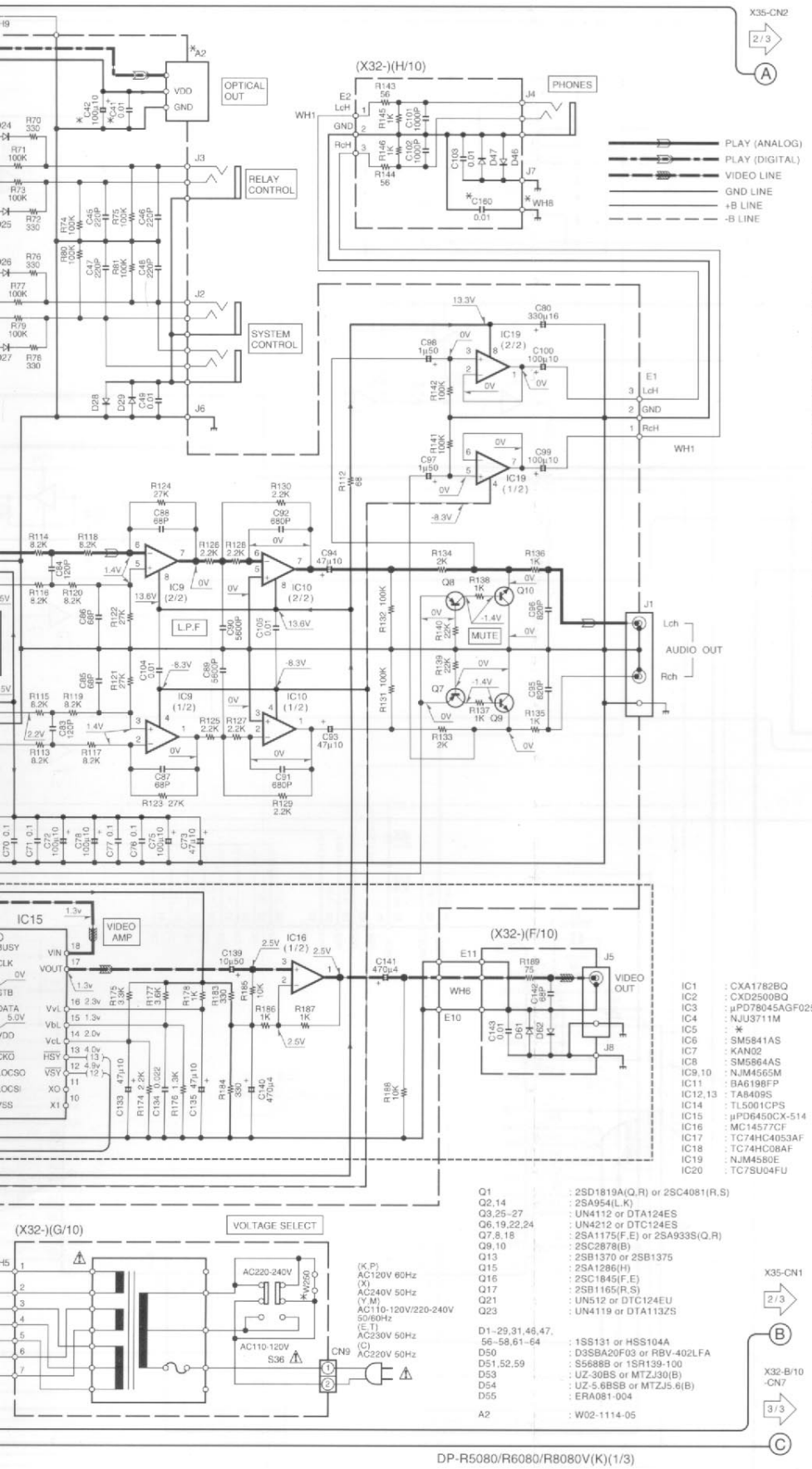
The DC voltage is an impedance type voltm vary depending on the the product. Refer to otherwise specified; Th measured at the mome

IC1	: CXA1782BQ
IC2	: CXD2500BQ
IC3	: μPD78045AGF025
IC4	: NJU3711M
IC5	: ✳
IC6	: SM5841AS
IC7	: KAN02
IC8	: SM5864AS
IC9,10	: NJM4565M
IC11	: BA6198FP
IC12,13	: TA8409S
IC14	: TL5001CPS
IC15	: μPD6450CX-514
IC16	: MC14577CF
IC17	: TC74HC4053AF
IC18	: TC74HC08AF
IC19	: NJM4580E
IC20	: TC7SU04FU

Q1	: 2SD1819A(Q,R) or 2SC4081(R,S)
Q2,14	: 2SA954(L,K)
Q3,25~27	: UN4112 or DTA124ES
Q6,19,22,24	: UN4212 or DTC124ES
Q7,8,18	: 2SA1175(F,E) or 2SA933S(Q,R)
Q9,10	: 2SC2878(B)
Q13	: 2SB1370 or 2SB1375
Q15	: 2SA1286(H)
Q16	: 2SC1845(F,E)
Q17	: 2SB1165(R,S)
Q21	: UN512 or DTC124EU
Q23	: UN4119 or DTA113ZS
D1~29,31,46,47, 56~58,61~64	: 1SS131 or HSS104A
D50	: D3SBA20F03 or RBV-402LFA
D51,52,59	: S5688B or 1SR139-100
D53	: UZ-30BS or MTZJ30(B)
D54	: UZ-5.6BSB or MTZJ5.6(B)
D55	: ERA081-004
A2	: W02-1114-05

(K,P) AC120V 60Hz
(X) AC240V 50Hz
(Y,M) AC110-120V/220-240V 50/60Hz
(E,T) AC230V 50Hz
(C) AC220V 50Hz

DP-R5080/R6080/R8080V(K)(1/3)



IC1 : CXA1782BQ
IC2 : CXD2500BQ
IC3 : μPD78045AGF025
IC4 : NJU3711M
IC5 : ✳
IC6 : SM5841AS
IC7 : KAN02
IC8 : SM5864AS
IC9,10 : NJM4565M
IC11 : BA6198FP
IC12,13 : TA8409S
IC14 : TL5001CPS
IC15 : μPD6450CX-514
IC16 : MC14577CF
IC17 : TC74HC4053AF
IC18 : TC74HC08AF
IC19 : NJM4580E
IC20 : TC7SU04FU

Q1 : 2SD1819A(Q,R) or 2SC4081(R,S)
Q2,14 : 2SA954(L,K)
Q3,25-27 : UN4112 or DTA124ES
Q6,19,22,24 : UN4212 or DTC124ES
Q7,8,18 : 2SA1175(F,E) or 2SA933S(Q,R)
Q9,10 : 2SC2878(B)
Q13 : 2SB1370 or 2SB1375
Q15 : 2SA1286(H)
Q16 : 2SC1845(F,E)
Q17 : 2SB1165(R,S)
Q21 : UN512 or DTC124EU
Q23 : UN4119 or DTA113ZS

D1-29,31,46,47,
56-58,61-64 : 1SS131 or HSS104A
D50 : D3SBA20F03 or RBV-402LFA
D51,52,59 : S5688B or 1SR139-100
D53 : UZ-30BS or MTZJ30(B)
D54 : UZ-5.6BSB or MTZJ5.6(B)
D55 : ERA081-004

A2 : W02-1114-05

(K,P) AC120V 60Hz
(X) AC240V 50Hz
(Y,M) AC110-120V/220-240V 50/60Hz
(E,T) AC230V 50Hz
(G) AC220V 50Hz

DP-R5080/R6080/R8080V(K)(1/3)

CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage during PLAY unless otherwise specified; The value shown in ( ) is the voltage measured at the moment of STOP.

DP-R5080/R6080/8080V

Y22-4420-10

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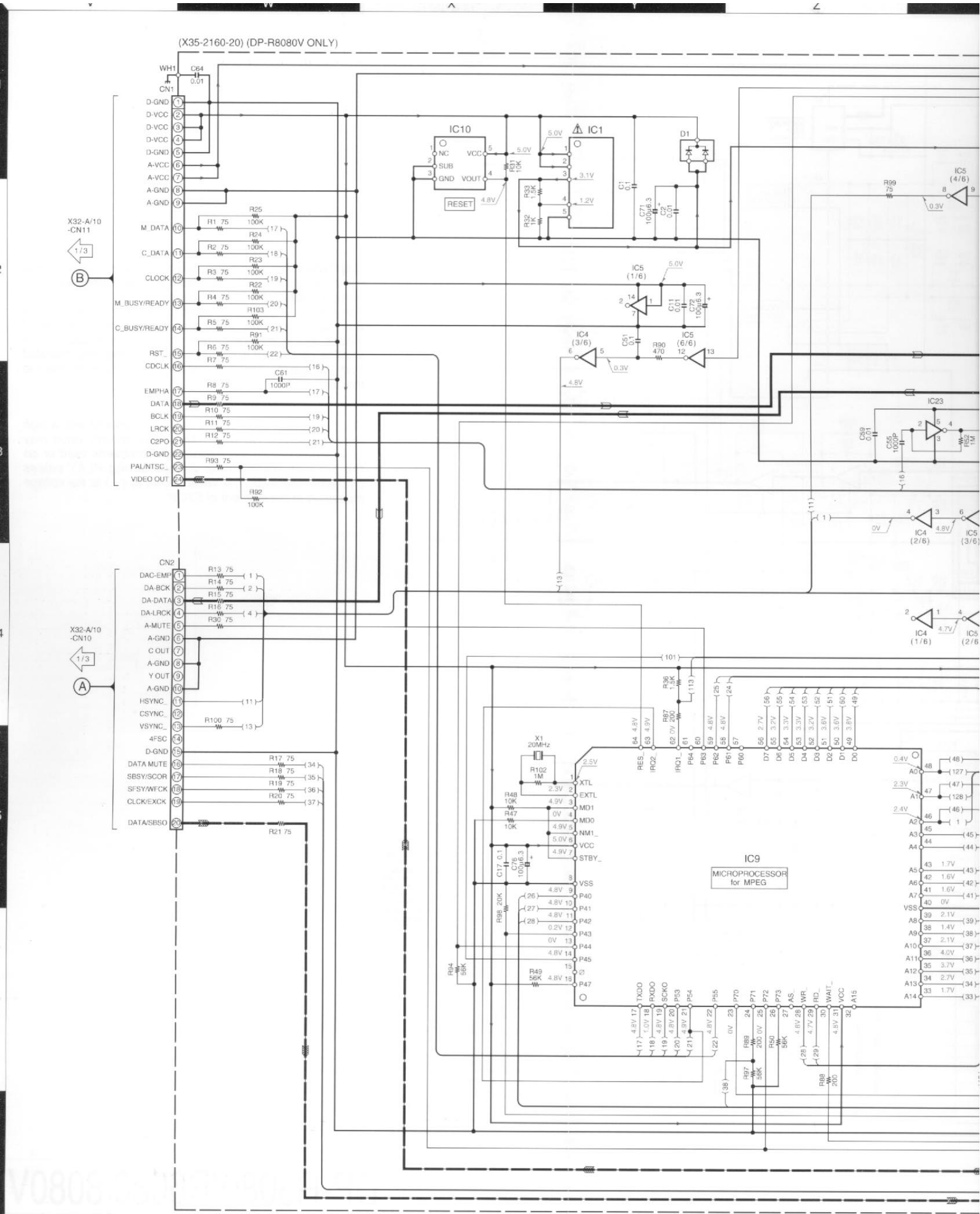
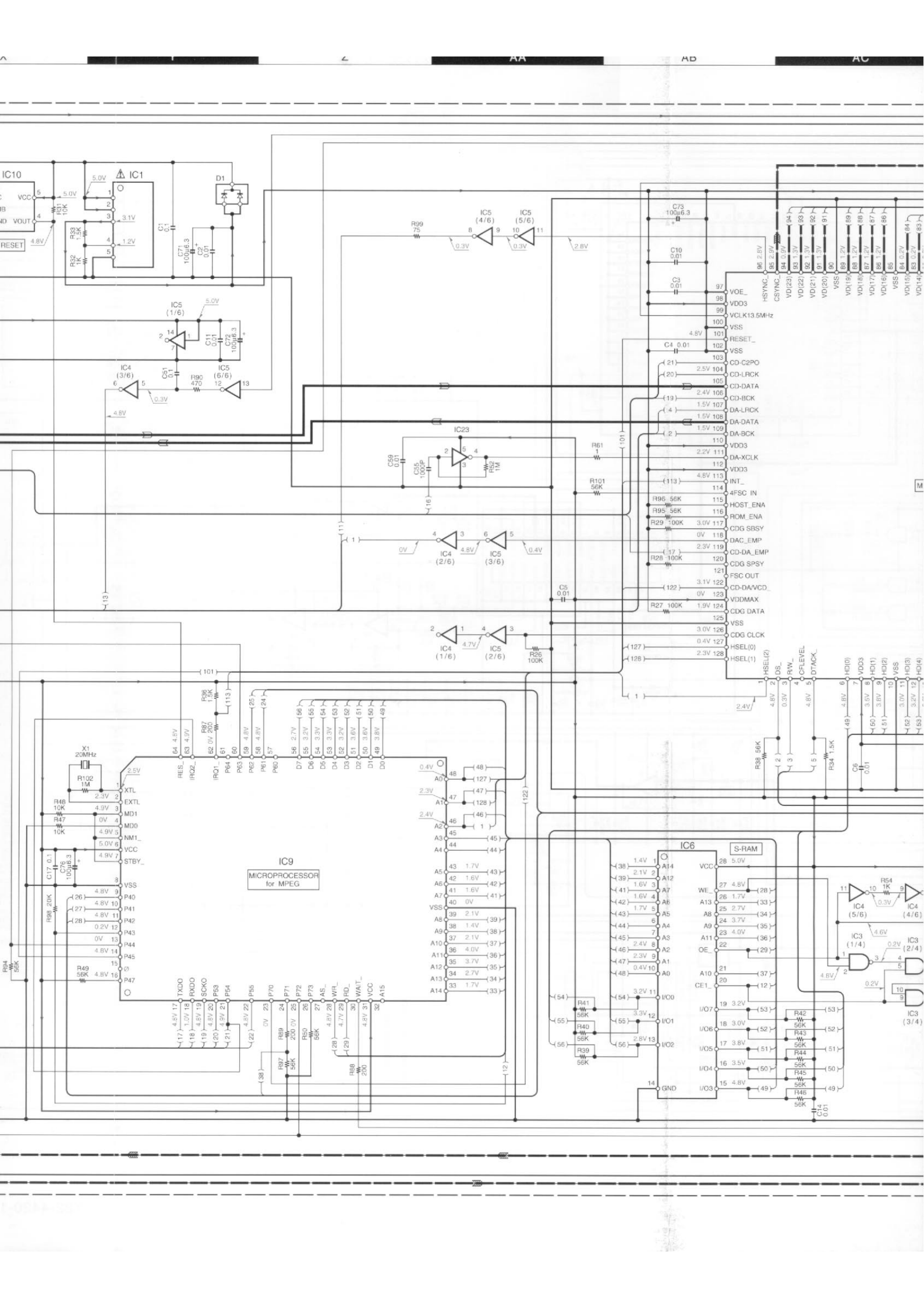
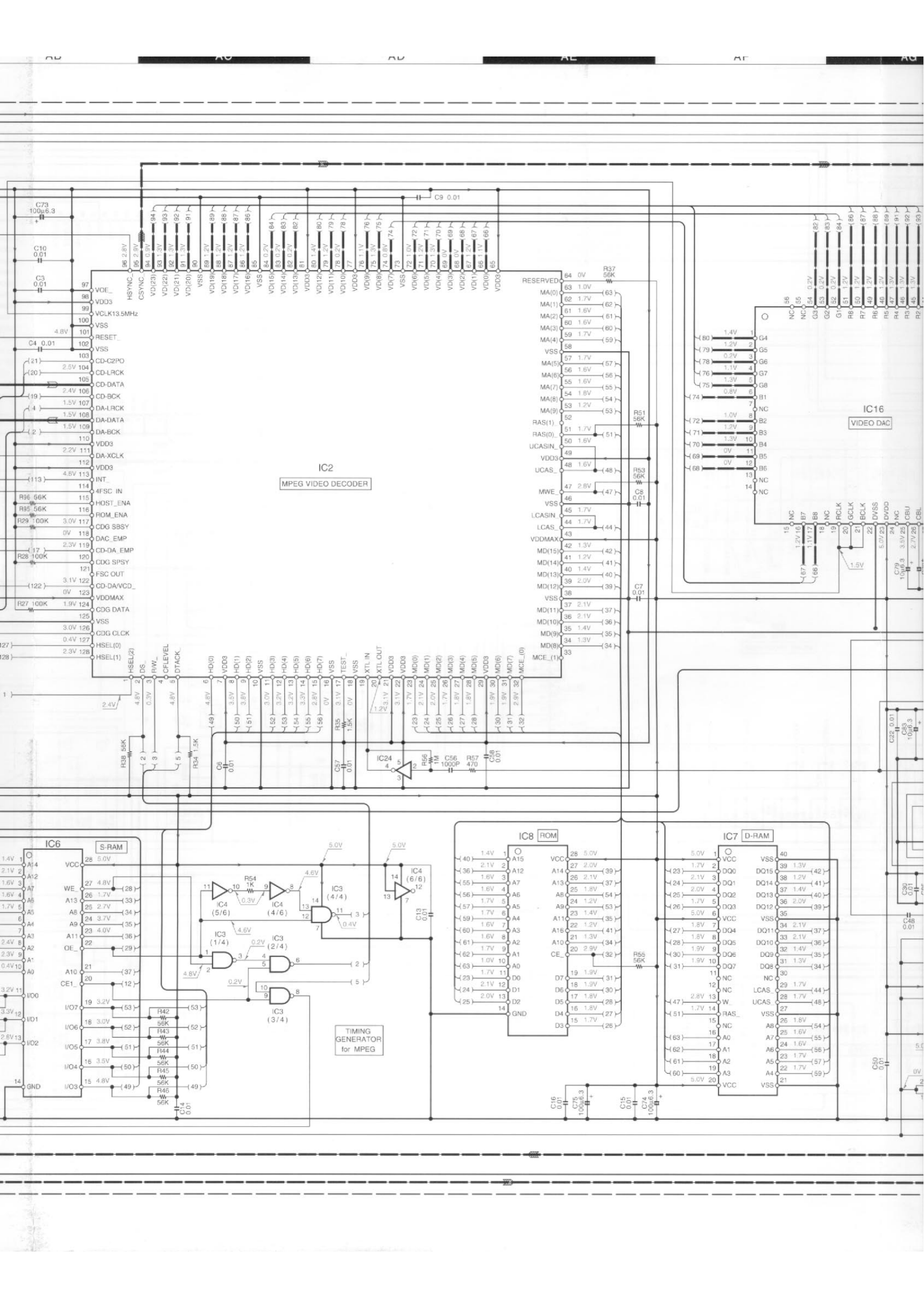
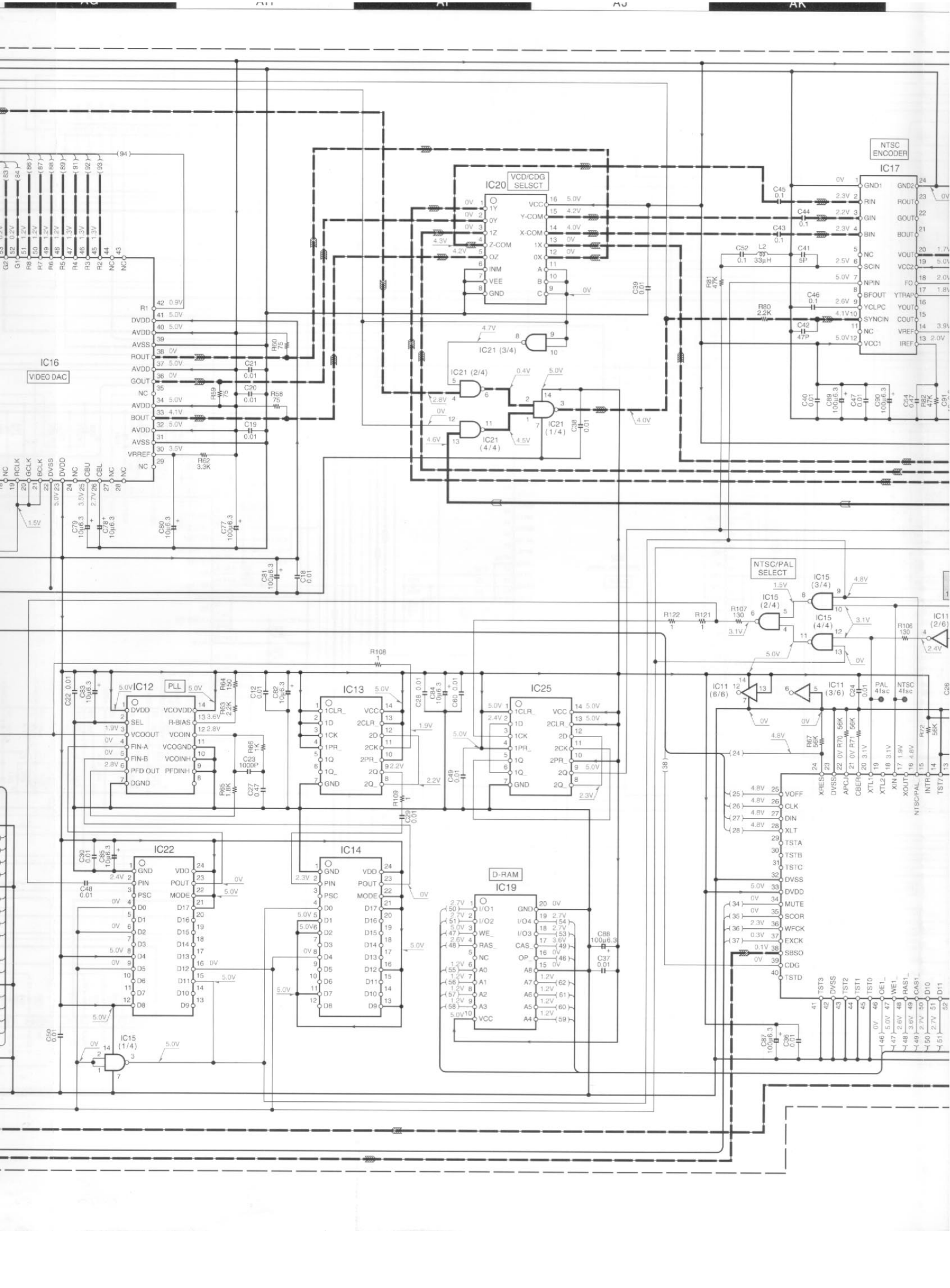
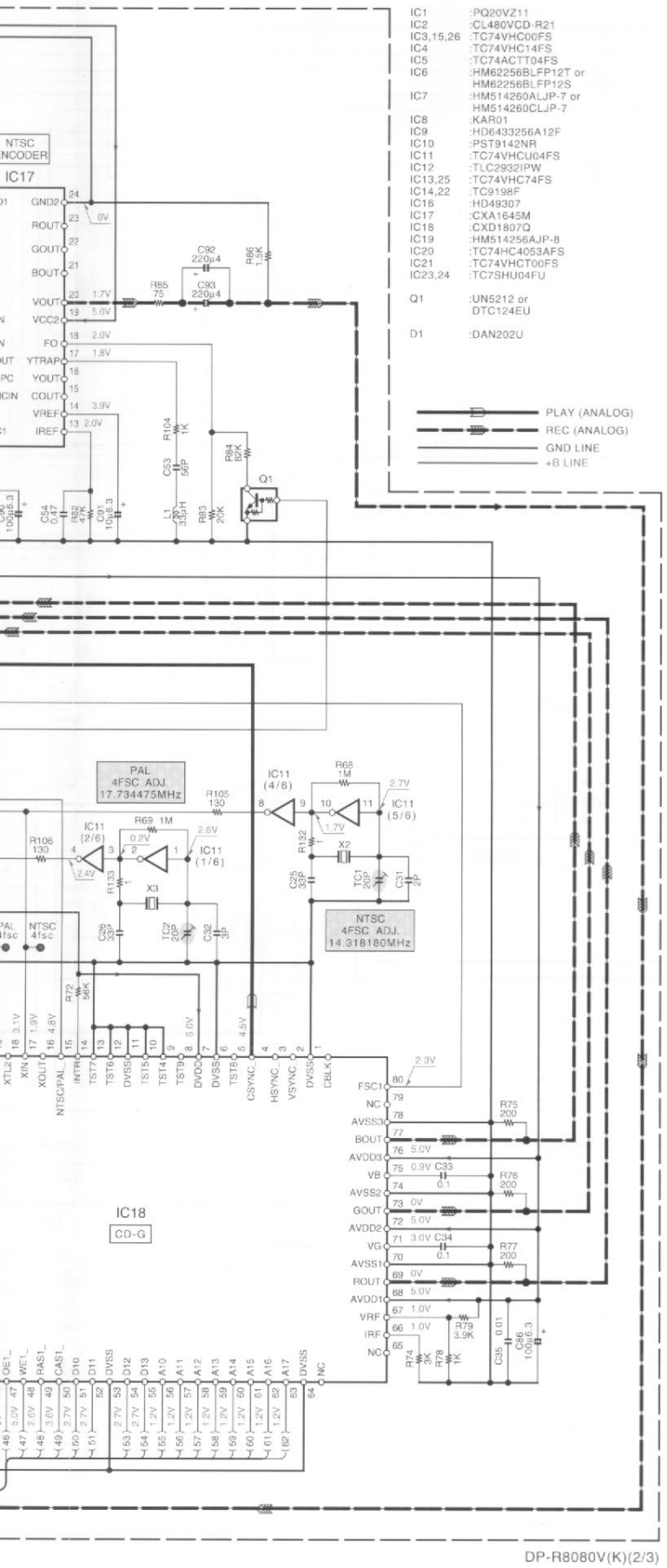

(X35-2160-20) (DP-R8080V ONLY)
IC9
MICROPROCESSOR
for MPEG
IC10
RESET
IC1
IC23
X32-A/10
-CN11
X32-A/10
-CN10
CN1
CN2
D-GND
D-VCC
A-VCC
A-GND
M_DATA
C_DATA
CLOCK
M_BUSY/READY
C_BUSY/READY
RST_
CDCLK
EMPHA
DATA
BCLK
LRCK
C2PO
PAL/NTSC_
VIDEO OUT
DAC-EMP
DA-BCK
DA-DATA
DA-LRCK
A-MUTE
C OUT
Y OUT
HSYNC_
CSYNC_
VSYNC_
4FSC
DATA MUTE
SBSY/SCOR
SFSY/WFCK
CLCK/EXCK
DATA/SBSO
X1
20MHz
XTL
EXTL
MD1
MD0
NM1_
VCC
STBY_
VSS
TXDO
RXDO
SCKO
AS
WR_
RD_
WAIT_
A15


IC9
MICROPROCESSOR
for MPEG
IC6
S-RAM
IC10
IC1
IC23
X1
20MHz
IC5 (4/6)
IC5 (5/6)
IC5 (1/6)
IC4 (3/6)
IC5 (6/6)
IC4 (2/6)
IC5 (3/6)
IC4 (1/6)
IC5 (2/6)
IC4 (5/6)
IC4 (4/6)
IC3 (1/4)
IC3 (2/4)
IC3 (3/4)
D1
VOE_
VDD3
VCLK13.5MHz
VSS
RESET_
CD-C2PO
CD-LRCK
CD-DATA
CD-BCK
DA-LRCK
DA-DATA
DA-BCK
DA-XCLK
INT_
4FSC IN
HOST_ENA
ROM_ENA
CDG SBSY
DAC_EMP
CD-DA_EMP
CDG SPSY
FSC OUT
CD-DA/VCD_
VDDMAX
CDG DATA
CDG CLCK
HSEL(0)
HSEL(1)
HSYNC_
CSYNC_
XTL
EXTL
MD1
MD0
NM1_
VCC
STBY_
P40
P41
P42
P43
P44
P45
P47
TXDO
RXDO
SCKO
WAIT_
A14
A12
A7
A6
A5
A4
A3
A2
A1
A0
I/O0
I/O1
I/O2
I/O3
I/O4
I/O5
I/O6
I/O7
WE_
OE_
CE1_
GND


IC2
MPEG VIDEO DECODER
IC16
VIDEO DAC
IC6
S-RAM
IC8
ROM
IC7
D-RAM
TIMING GENERATOR for MPEG
IC24
IC4 (5/6)
IC4 (4/6)
IC4 (6/6)
IC3 (4/4)
IC3 (1/4)
IC3 (2/4)
IC3 (3/4)
C73 100u6.3
C10 0.01
C3 0.01
C4 0.01
C9 0.01
C6 0.01
C7 0.01
C8 0.01
C13 0.01
C14 0.01
C15 0.01
C16 0.01
C50 0.01
C56 1000P
C57 0.01
C58 0.01
C74 100u6.3
C75 100u6.3
C79 10u6.3
R37 56K
R38 56K
R42 56K
R43 56K
R44 56K
R45 56K
R46 56K
R51 56K
R53 56K
R55 56K
R54 1K
R46 1M
R57 470
R35 1.5K
R34 1.5K
R96 56K
R95 56K
R29 100K
R28 100K
R27 100K

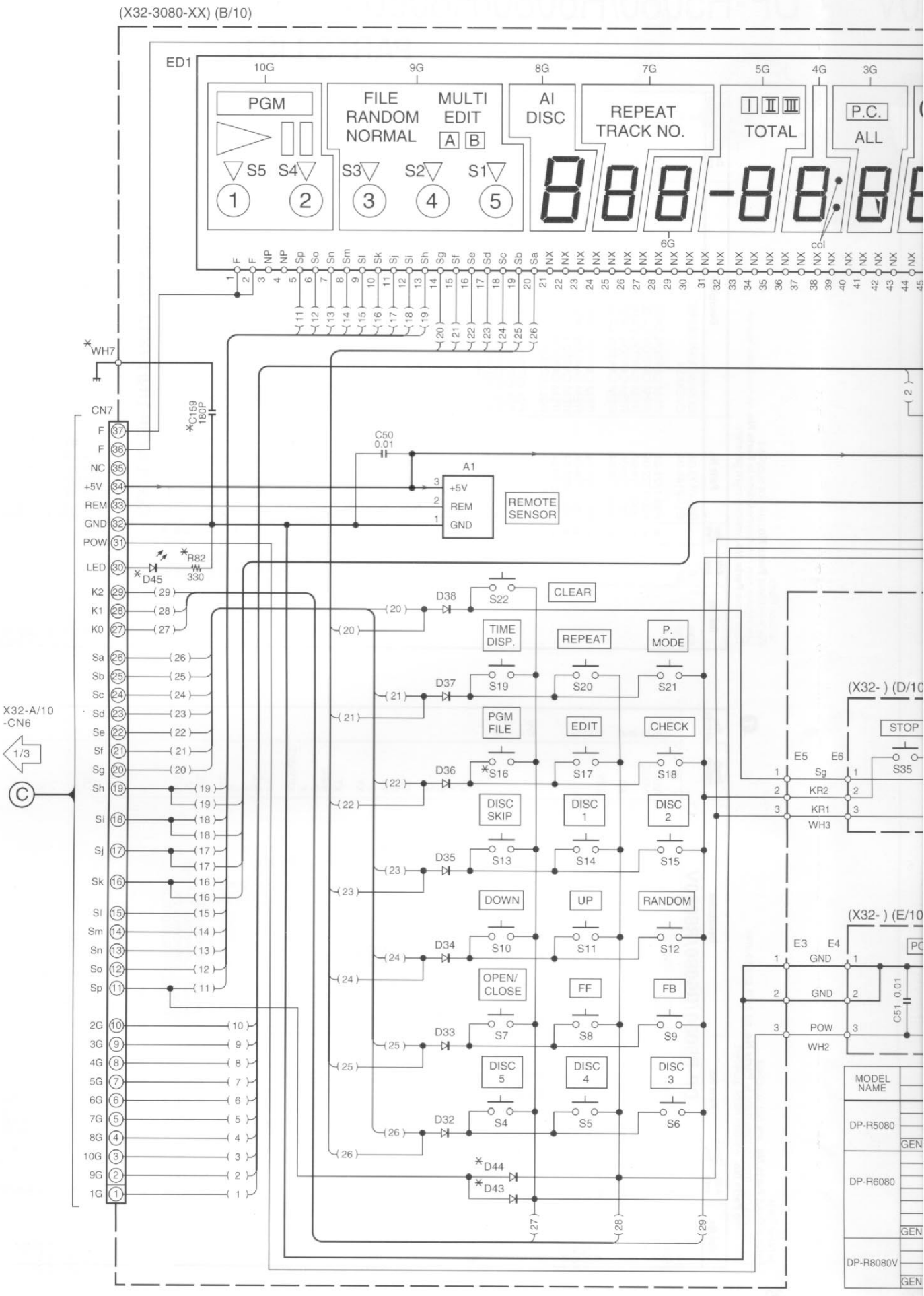

IC16
VIDEO DAC
IC20
VCD/CDG SELSCT
IC21 (3/4)
IC21 (2/4)
IC21 (1/4)
IC21 (4/4)
NTSC ENCODER
IC17
IC12
PLL
IC13
IC25
IC22
IC14
D-RAM
IC19
NTSC/PAL SELECT
IC15 (3/4)
IC15 (2/4)
IC15 (4/4)
IC15 (1/4)
IC11 (2/6)
IC11 (6/6)
IC11 (3/6)
PAL 4fsc
NTSC 4fsc

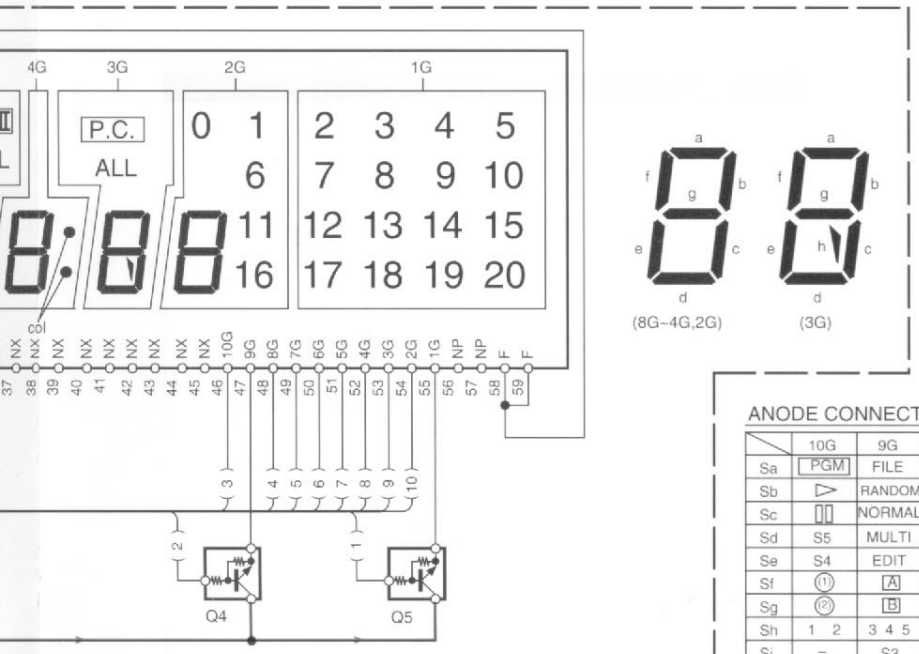


DP-R8080V(K)(2/3)

CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

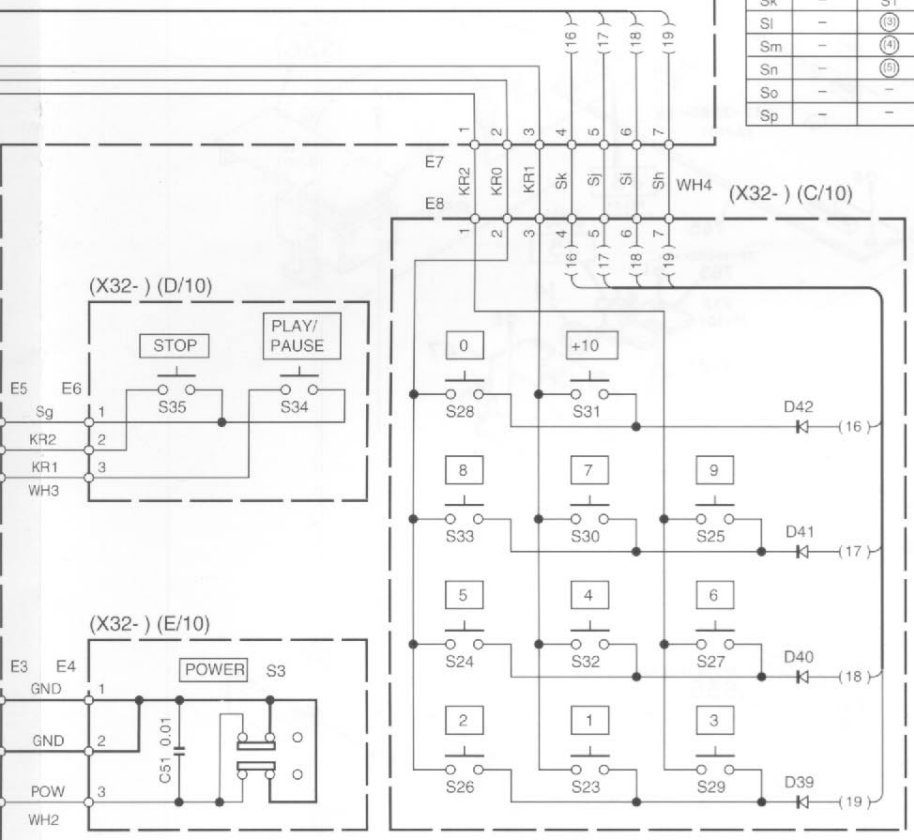
The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage during PLAY unless otherwise specified; The value shown in ( ) is the voltage measured at the moment of STOP.


(X32-3080-XX) (B/10)
ED1
PGM
FILE
RANDOM
NORMAL
MULTI
EDIT
A B
AI
DISC
REPEAT
TRACK NO.
I II III
TOTAL
P.C.
ALL
S1 S2 S3 S4 S5
CN7
WH7
C159 180P
C50 0.01
A1
+5V
REM
GND
REMOTE SENSOR
R82 330
D45
CLEAR
TIME DISP.
REPEAT
P. MODE
PGM FILE
EDIT
CHECK
DISC SKIP
DISC 1
DISC 2
DOWN
UP
RANDOM
OPEN/ CLOSE
FF
FB
DISC 5
DISC 4
DISC 3
D38 D37 D36 D35 D34 D33 D32
S22 S19 S20 S21 S16 S17 S18 S13 S14 S15 S10 S11 S12 S7 S8 S9 S4 S5 S6
D44 D43
X32-A/10 -CN6
1/3
(X32-) (D/10
(X32-) (E/10
STOP
S35
E5 E6
E3 E4
Sg
KR2
KR1
WH3
GND
POW
WH2
C51 0.01
MODEL NAME
DP-R5080
DP-R6080
DP-R8080V
GEN



ANODE CONNECTION

	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
Sa	PGM	FILE	a	a	a	a	a	a	a	2
Sb	▷	RANDOM	b	b	b	b	b	b	b	7
Sc	▯▯	NORMAL	f	f	f	f	f	f	f	12
Sd	S5	MULTI	g	g	g	g	g	g	g	17
Se	S4	EDIT	c	c	c	c	c	c	c	3
Sf	⑪	A	e	e	e	e	e	e	e	8
Sg	⑫	B	d	d	d	d	d	d	d	13
Sh	1 2	3 4 5	–	–	–	–	–	h	–	18
Si	–	S3	AI	REPEAT	–	1	col	P.C.	0	4
Sj	–	S2	DISC	TRACK NO.	–	II	–	ALL	1	9
Sk	–	S1	–	–	–	III	–	–	6	14
Sl	–	⑬	–	–	–	TOTAL	–	–	11	19
Sm	–	⑭	–	–	–	–	–	–	16	5
Sn	–	⑮	–	–	–	–	–	–	–	10
So	–	–	–	–	–	–	–	–	–	15
Sp	–	–	–	–	–	–	–	–	–	20



MODEL NAME	DESTINATION COUNTRY	ABB.	UNIT No.	D43, 45	D44	S16	R82	C159	WH7
DP-R5080	U.S.A.	K	X32-3080-10	NO	NO	NO	NO	NO	NO
	CANADA	P							
	AUSTRALIA	X							
	GENERAL MARKET	M	X32-3080-21						
DP-R6080	U.S.A.	K	X32-3080-11		YES	YES			
	CANADA	P							
	AUSTRALIA	X							
	U.K.	T							
	EUROPE	E							
	PX	Y	X32-3080-22						
	GENERAL MARKET	M							
DP-R8080V	U.K.	T	X32-3080-12	YES	NO	YES	YES	YES	YES
	EUROPE	E							
	CHINA	C							
	GENERAL MARKET	M	X32-3080-23						

Q4,5 : UN4219 or DTC113ZS

D32~44 : 1SS131 or HSS104A
D45 : B30-0431-05

A1 : W02-1046-05
ED1 : 10-BT-160GK

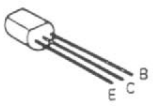
SIGNAL LINE
GND LINE
+B LINE

DP-R5080/R6080/R8080V(K)(3/3)

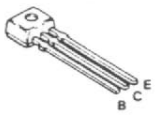
CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage during PLAY unless otherwise specified; The value shown in ( ) is the voltage measured at the moment of STOP.

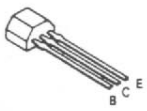
2SA1286
2SA954
2SC1845
2SC2878



2SA1175

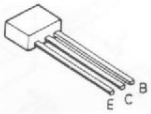


DTA124ES
DTC124ES
UN4112
2SA933S



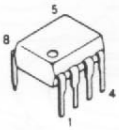
DTC124EU
2SC4081
2SD1819A

UN4212
UN4219

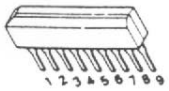


2SB1375

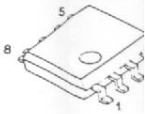
NJM4580E



TA8409S

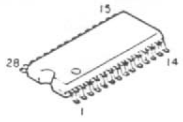


MC14577CF
NJM4565M
TL5001CPS



UN5212

HM62256BLFP12S
HM62256BLFP12T



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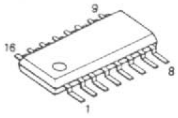

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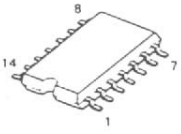
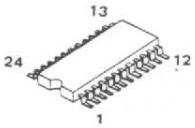


TC9198F



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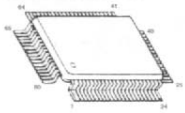
CXD2500BQ



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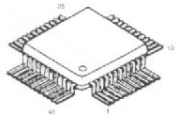

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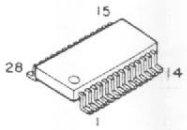

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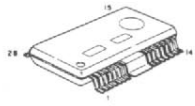
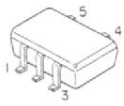
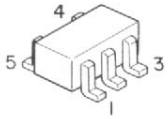


PST9142NR



TC7SHU04FU
TC7SU04FU



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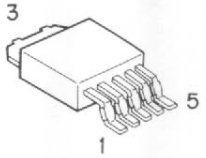

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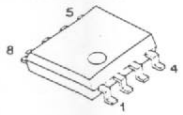

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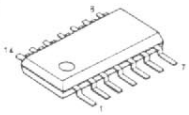

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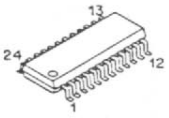
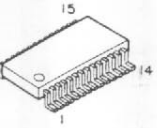
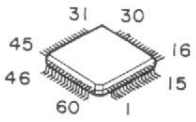


AR01



KAN02



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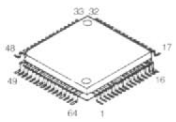

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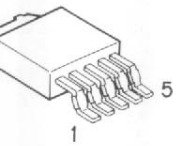
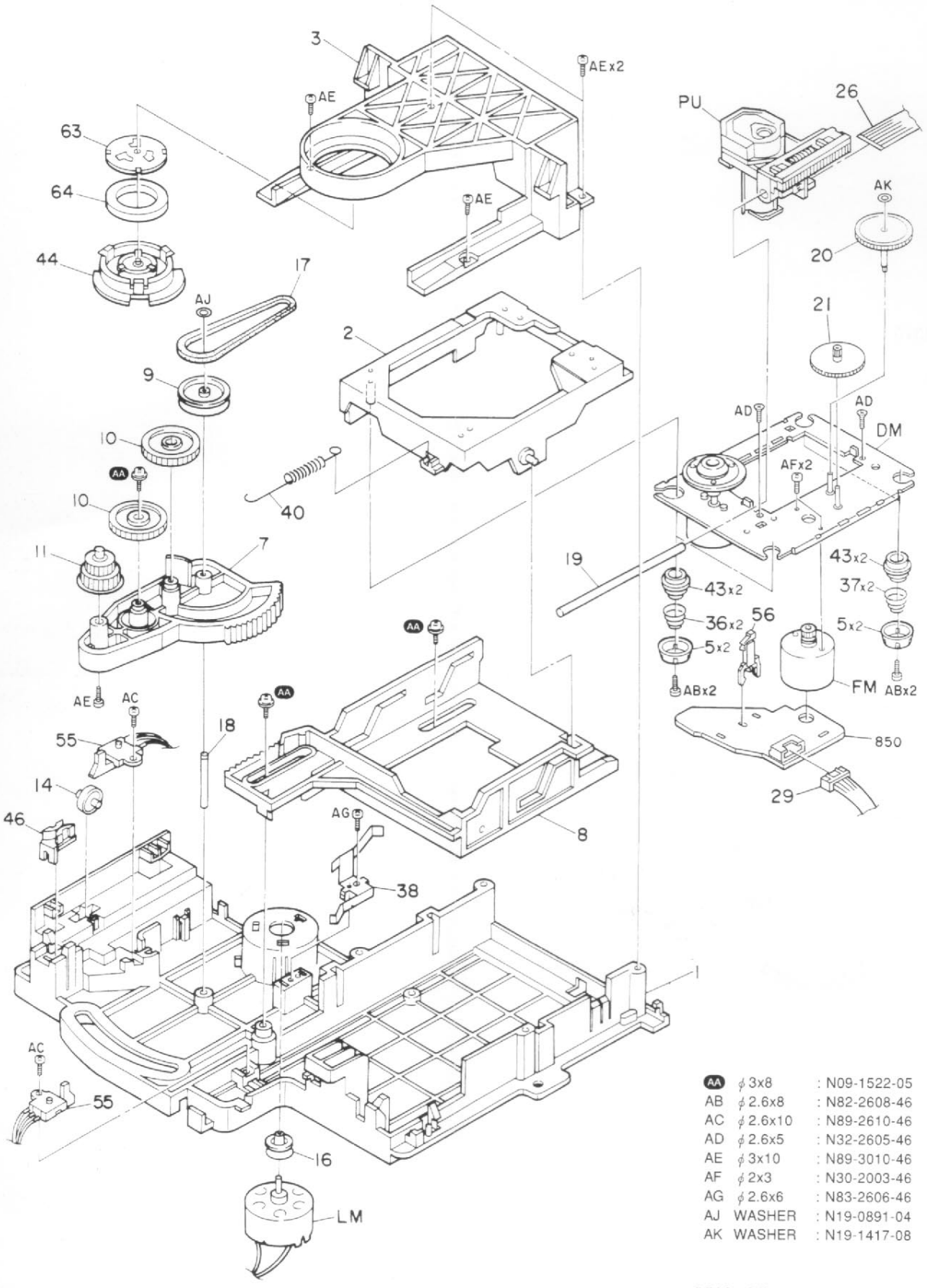


EXPLODED VIEW (MECHANISM)

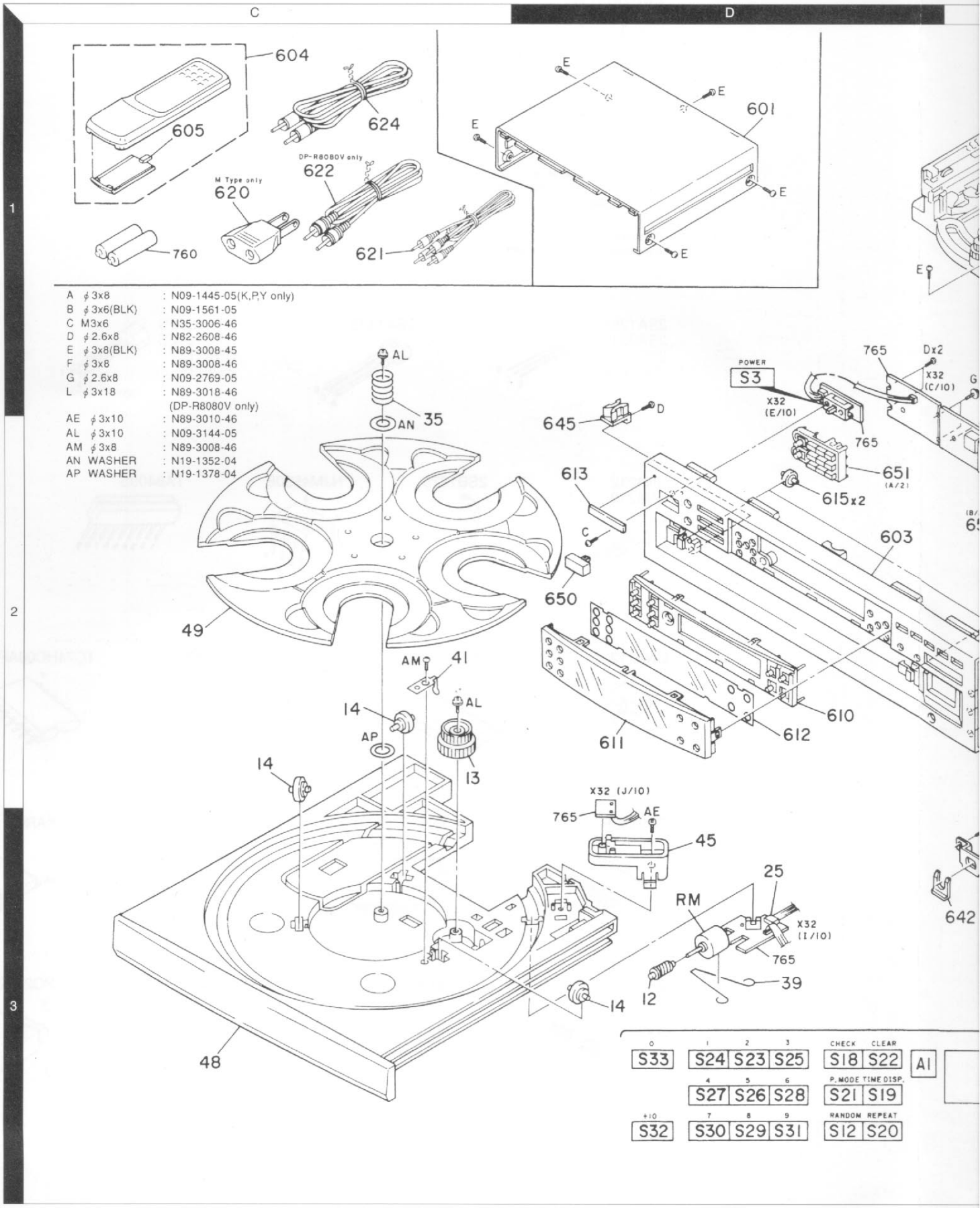


AA	ϕ3x8	: N09-1522-05
AB	ϕ2.6x8	: N82-2608-46
AC	ϕ2.6x10	: N89-2610-46
AD	ϕ2.6x5	: N32-2605-46
AE	ϕ3x10	: N89-3010-46
AF	ϕ2x3	: N30-2003-46
AG	ϕ2.6x6	: N83-2606-46
AJ	WASHER	: N19-0891-04
AK	WASHER	: N19-1417-08

CDM-25

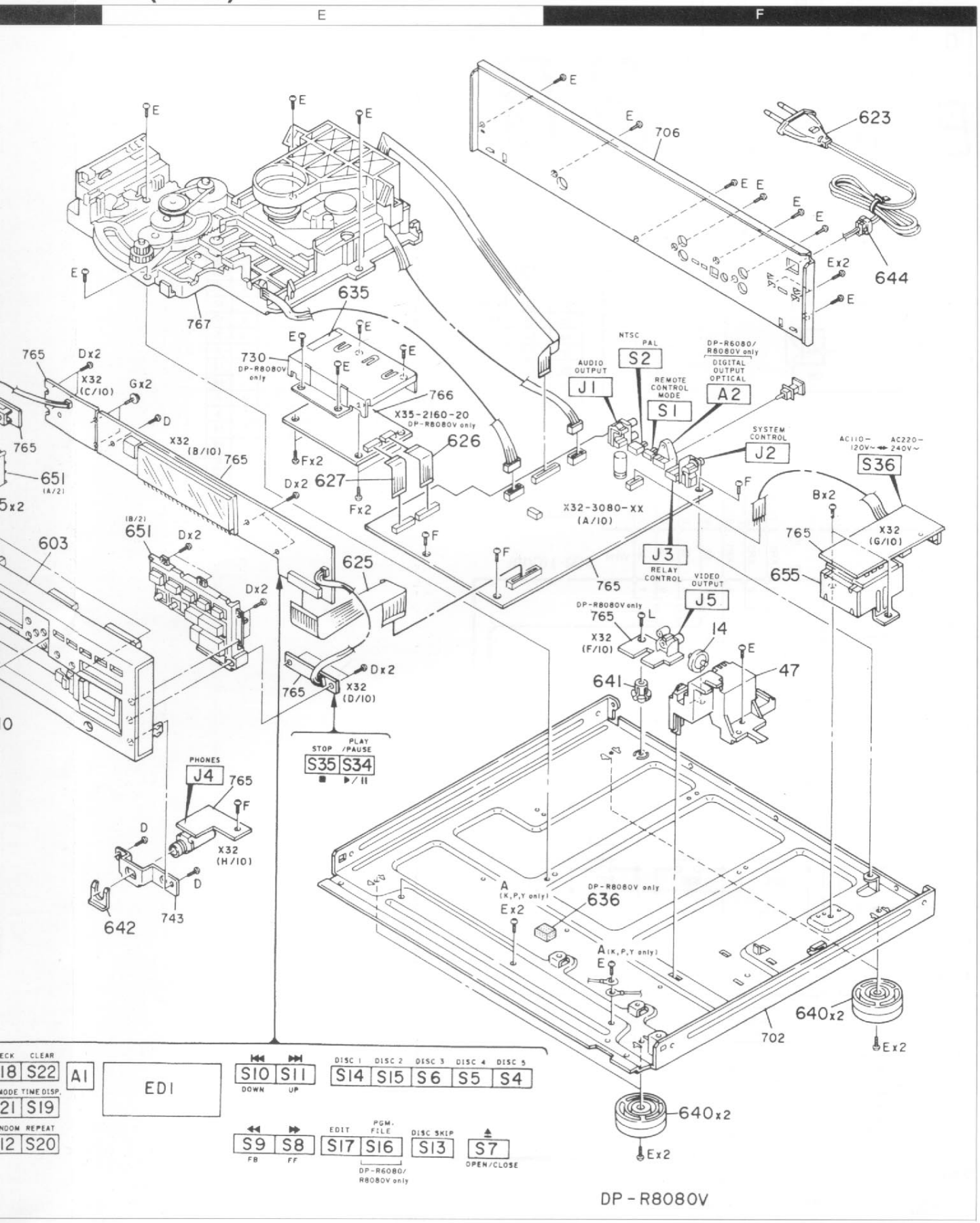
Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW



A	φ3x8	: N09-1445-05(K,P,Y only)
B	φ3x6(BLK)	: N09-1561-05
C	M3x6	: N35-3006-46
D	φ2.6x8	: N82-2608-46
E	φ3x8(BLK)	: N89-3008-45
F	φ3x8	: N89-3008-46
G	φ2.6x8	: N09-2769-05
L	φ3x18	: N89-3018-46 (DP-R8080V only)
AE	φ3x10	: N89-3010-46
AL	φ3x10	: N09-3144-05
AM	φ3x8	: N89-3008-46
AN	WASHER	: N19-1352-04
AP	WASHER	: N19-1378-04

DED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

DP-R5080/R6080/R8080V

SPECIFICATIONS

[Format]

System .....Compact disc digital audio system (DP-R5080 / R6080)
.....Video CD player system (DP-R8080V)
Laser .....Semiconductor laser

[D/A convertors]

D/A conversion .....1 Bit
Oversampling .....8 fs (352.8 kHz)

[Audio]

Frequency response .....4 Hz ~ 20 kHz, ±1.0 dB
Signal to noise ratio
.....More than 100 dB (DP-R5080 / R8080V)
.....More than 102 dB (DP-R6080)
Dynamic range .....More than 94 dB
Total harmonic distortion + noise
.....Less than 0.005% (at 1kHz)(DP-R5080 / R8080V)
.....Less than 0.004% (at 1kHz)(DP-R6080)
Channel separation .....More than 90 dB (at 1kHz)
Wow flutter .....Unmeasurable limit
Output level / impedance
Fixed .....2.0 V / 3.0 kΩ
Headphone output (max.) .....20 mW / 32 Ω
Digital output (DP-R6080/R8080V only)
Optical .....-15 dBm ~ - 21 dBm (Wave length 660 nm)
Video output format (DP-R8080V only).....NTSC / PAL
Video output level (DP-R8080V only) .....1 Vp-p (75 Ω)

[General]

Power consumption 14W
Dimensions.....W : 440 mm (17-5 / 16")
H : 123 mm (4-13 / 16")
D : 398 mm (15-11 / 16")
Weight (Net).....5.0 kg (11.0 lb) (DP-R5080/R6080)
.....5.2 kg (11.7 lb) (DP-R8080V)

Note:

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Note:

Component and circuity are subject to modification to insure best operation under differing local conditions. This manual is based on the General market(M) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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